

Appendix III
Combination Therapy Data

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: T20 (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7141	0.5804	1.0278	1.5033	1.6676	0.3032	1.6818	1.7572	1.8462	1.7066	0.3925	1.7094	
6	2	1.0643	0.5012	1.0145	0.348	0.5115	1.0822	0.6569	0.9768	1.6325	2.1306	0.2537	1.5029	<u>Average VC</u>
7	1	0.3744	0.3658	0.6439	0.6115	0.3233	0.7422	0.348	0.5895	1.6111	1.8615	0.3074	1.2524	0.281716667
8	0.5	0.5558	0.4394	0.4507	0.2842	0.5185	0.2237	0.3581	0.3365	1.436	1.4109	0.2414	1.8664	
9	0.25	0.4335	0.56	0.4887	0.4419	0.3202	0.2153	0.3911	0.3002	0.2765	1.8169	0.2279	1.7219	<u>Average CC</u>
10	0	0.2319	0.2933	0.268	0.1918	0.2561	0.1993	0.2955	0.6388	0.5366	1.5716	0.2674	1.8132	1.644366667
11	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														REPLICATE 2
13														<i>enter data</i>
14														
15	4	0.6133	0.6154	0.761	1.5174	1.5354	1.6835	1.7267	1.8469	2.0645	1.3645	0.2213	1.6715	
16	2	1.2389	1.0384	0.4701	0.7406	0.6941	1.0684	1.1406	1.6417	1.6787	1.7249	0.1972	1.6047	<u>Average VC</u>
17	1	0.346	0.4568	0.42	0.3296	0.263	0.3805	0.4349	1.7341	1.6973	1.6182	0.2384	1.6449	0.199533333
18	0.5	0.3388	0.4096	0.3252	0.5096	0.5105	0.5729	0.431	0.345	0.7932	1.8427	0.1793	1.7277	
19	0.25	0.245	0.7761	0.3478	0.5956	0.2474	0.3088	0.3504	0.377	0.3897	1.891	0.1719	1.5981	<u>Average CC</u>
20	0	0.203	0.3261	0.2979	0.2666	0.2099	0.3665	0.2436	0.3726	0.4337	1.4394	0.1891	1.5681	1.635833333
21	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														REPLICATE 3
23														<i>enter data</i>
24														
25	4	1.6911	1.9242	1.7187	1.5413	1.5127	1.6496	1.6291	1.7831	1.7684	1.6921	0.3702	1.8662	
26	2	0.7617	1.2216	0.4959	0.4741	1.3363	0.3878	1.4339	1.2695	1.732	1.804	0.2757	1.7492	<u>Average VC</u>
27	1	0.3213	0.365	0.5116	1.2724	0.3415	0.3197	0.3447	1.6088	0.4625	1.8084	0.2849	1.7296	0.274316667
28	0.5	0.3492	0.3015	0.4032	0.2427	0.2865	0.2835	0.3039	0.2871	1.6889	1.7079	0.2259	1.6874	
29	0.25	0.2867	0.3522	0.4466	0.2739	0.2839	0.2724	0.2848	0.3698	1.336	2.0177	0.2571	1.707	<u>Average CC</u>
30	0	0.4481	0.2867	0.2992	0.2244	0.2842	0.263	0.2589	0.309	0.7057	1.5014	0.2321	1.7387	1.74635
31	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														REPLICATE 4
33	0													<i>enter data</i>
34	0													
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														REPLICATE 5
43	0													<i>enter data</i>
44	0													
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	76.72	54.32	63.99	89.16	92.95	66.11	100	100	100	94			
57	2	54.3	46.29	29.22	18.7	41.15	42.32	62.17	73.01	100	100			
58	1	6.73	10.08	19.35	33.69	4.01	16.49	8.68	73.36	71.54	100			
59	0.5	11.63	9.36	9.97	6.54	13.28	7.45	7.91	5.01	74.05	98.22			
60	0.25	5.05	21.95	12.41	13.1	2.27	0.87	6.41	6.73	28.33	100			
61	0	2.8	3.5	2.51	0	0	1.6	1.01	13.54	21.44	88.11			
62														
63	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	41.73	50.15	30.58	2.87	8.79	56.1	7.44	6.1	14.18	11.9			
67	2	19.81	26.31	21.35	16.99	28.25	29.98	18.51	25.14	2.26	17.72			
68	1	3.6	6.78	6.27	30.5	0.83	15.72	6.68	44.71	51	8.77			
69	0.5	7.7	6.67	2.11	13.08	11	16.24	7.33	4.71	28.9	15.78			
70	0.25	5.4	17.48	2.51	13.85	1.42	6.3	5.09	5.5	38.64	3.16			
71	0	8.04	4.6	3.99	5.81	1.49	9.07	2.06	11.99	6.92	5.86			
72														
73	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	77.37	77.53	77.3	76.72	76.72	77.09	76.96	79.87	81.71	97.23			
77	2	55.58	55.9	55.45	54.3	54.3	55.03	54.76	60.49	64.1	94.57			
78	1	9.34	9.99	9.07	6.73	6.73	8.22	7.67	19.36	26.73	88.91			
79	0.5	14.1	14.72	13.85	11.63	11.63	13.04	12.62	23.6	30.58	89.49			
80	0.25	7.71	8.37	7.43	5.05	5.05	6.57	6.01	17.91	25.41	88.71			
81	0	5.52	6.2	5.24	2.8	2.8	4.36	3.78	15.96	23.64	88.44			
82														
83	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.65	-23.21	-13.31	12.44	16.23	-10.98	23.04	20.13	18.29	-3.23	SYNERGY	402.97	
87	2	-1.28	-9.61	-26.23	-35.6	-13.15	-12.71	7.41	12.52	35.9	5.43	95% confidence interval	746 - 60	
88	1	-2.61	0.09	10.28	26.96	-2.72	8.27	1.01	54	44.81	11.09			
89	0.5	-2.47	-5.37	-3.88	-5.09	1.65	-5.59	-4.61	-18.59	43.47	8.73	ANTAGONISM	-223.21	
90	0.25	-2.66	13.58	4.98	8.05	-2.78	-5.7	0.4	-11.18	2.92	11.29	95% confidence interval	-13 - -433	
91	0		-2.7	-2.73	-2.8	-2.8	-2.76	-2.77	-2.42	-2.2	-0.33			
92														
93	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	6.8148	0	0	8.4576	8.174	0	0	SYNERGY	60.07	
97	2	0	0	0	-2.2996	0	0	0	0	31.4704	0	log volume	#VALUE!	
98	1	0	0	0	0	-1.0932	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	0	-9.3584	0	0	ANTAGONISM	-13.15	
100	0.25	0	0	0.0604	0	0	0	0	-0.4	0	5.0964	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	5.0641	0	0	3.9192	4.453	0	0	SYNERGY	46.7	
107	2	0	0	0	0	0	0	0	0	30.0918	0	log volume	#VALUE!	
108	1	0	0	0	0	-0.5869	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	-5.4853	0	0	ANTAGONISM	-7.07	
110	0.25	0	0	0	0	0	0	0	0	0	3.1688	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	2.99483	0	0	0	0.0549	0	0	SYNERGY	32.4	
117	2	0	0	0	0	0	0	0	0	28.4623	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	-3.08939	0	0	ANTAGONISM		-3.09
120	0.25	0	0	0	0	0	0	0	0	0	0.89044	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: T20 (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7175	1.7344	1.9131	1.9885	1.8496	1.8321	1.8334	0.5927	1.8663	1.7228	0.2827	1.412	
6	2	0.5231	0.6007	0.6685	1.9025	1.0682	1.4776	0.8541	1.9265	1.8848	1.4191	0.234	1.4601	<u>Average VC</u>
7	1	0.5061	0.6129	0.8943	1.714	0.5263	1.3301	0.3657	1.7553	1.8351	1.259	0.2903	1.9108	0.2852
8	0.5	0.2869	0.3975	0.4322	0.3615	0.3644	0.33	0.394	0.7321	1.8448	1.4049	0.2755	1.5897	
9	0.25	0.2628	0.8234	0.2991	0.7644	0.2877	0.4735	0.5122	1.0873	0.4901	0.8817	0.2846	1.9692	<u>Average CC</u>
10	0	0.2814	0.4247	0.2619	0.2555	0.5328	0.2641	0.2339	0.3058	0.4617	1.3271	0.3441	2.0149	1.726116667
11	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.9181	2.0037	2.0798	1.954	1.9539	1.7868	1.7884	1.9318	1.856	1.8429	0.258	1.9434	
16	2	0.3961	1.4099	0.8198	2.0466	0.8695	1.464	1.9102	1.655	1.7424	1.4421	0.2302	1.9014	<u>Average VC</u>
17	1	0.4242	0.4373	0.5237	0.7456	0.3198	1.4144	1.4437	1.6128	1.4753	1.3063	0.2405	1.8893	0.242183333
18	0.5	0.3887	0.4211	0.4034	0.3756	0.3815	0.3306	0.435	0.5434	0.9008	1.4297	0.2317	2.1583	
19	0.25	0.3363	0.3313	0.3823	0.2941	0.3497	0.2615	0.3673	0.6249	1.7128	1.0486	0.2651	1.9386	<u>Average CC</u>
20	0	0.4318	0.228	0.262	0.2706	0.2245	0.2523	0.3838	1.6335	0.2414	1.474	0.2276	1.8947	1.954266667
21	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.3655	1.1648	2.0395	1.9462	1.8973	1.8376	1.8936	0.742	1.7648	1.8558	0.3332	1.9504	
26	2	0.6501	0.606	0.6218	0.9014	0.8388	0.8641	1.8099	1.8287	1.5493	1.4178	0.3112	1.6818	<u>Average VC</u>
27	1	0.3136	0.3776	0.6903	0.6555	0.4711	0.5262	0.9201	1.6896	0.8434	1.4185	0.3301	2.0275	0.338683333
28	0.5	0.3378	0.352	0.8952	0.3563	0.673	0.3514	0.6363	0.3393	1.3282	1.5857	0.3883	2.487	
29	0.25	0.4931	0.3869	0.3607	0.3667	0.2618	0.3654	0.5015	0.2606	0.507	0.8387	0.4361	2.0621	<u>Average CC</u>
30	0	0.3328	0.2723	0.2644	0.2401	0.2485	0.322	0.4471	0.2691	0.2265	1.4307	0.2332	2.159	2.0613
31	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	85.63	83.81	100	100	99.68	94.86	96.01	47.81	95.58	93.78			
57	2	14.53	35.21	25.59	83.43	40	61.54	74.1	94.31	89.64	70.47			
58	1	8.17	12.13	26.38	48.98	9.65	50.62	36.51	86.83	69.63	64.14			
59	0.5	2.87	6.34	17.31	4.7	11.01	3	12.03	16.21	68.05	73.15			
60	0.25	4.3	15.12	3.48	12.64	0.66	5.25	10.84	24.5	36.63	39.18			
61	0	3.49	1.67	0	0	3.64	0	3.67	26.22	1.9	69.22			
62														
63	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	22.55	31.07	7.17	12.89	9.05	10.94	9.91	44.07	13.52	5.85			
67	2	4.86	28.75	8.7	44.1	12.99	27.48	30.58	17.09	20.44	8.03			
68	1	8.66	10.26	13.91	43.8	6.33	34.47	32.38	13.18	39.19	2.99			
69	0.5	4.92	5	12.99	3.42	7.39	2.21	4.91	15.64	36.07	4.23			
70	0.25	5.36	19.29	4.08	17.87	5.39	6.77	4.39	30.16	42.72	9.24			
71	0	6.57	7.1	2.73	3.69	11.92	1.07	6.34	47.75	9.53	5.05			
72														
73	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0													
76	4	86.13	85.87	85.63	85.63	86.15	85.63	86.16	89.4	85.9	95.58			
77	2	17.51	15.96	14.53	14.53	17.64	14.53	17.67	36.94	16.15	73.69			
78	1	11.37	9.7	8.17	8.17	11.51	8.17	11.54	32.25	9.91	71.73			
79	0.5	6.26	4.49	2.87	2.87	6.41	2.87	6.43	28.34	4.72	70.1			
80	0.25	7.64	5.9	4.3	4.3	7.78	4.3	7.81	29.39	6.12	70.54			
81	0	6.86	5.1	3.49	3.49	7	3.49	7.03	28.79	5.32	70.29			
82														
83	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0													
86	4	-0.5	-2.06	14.37	14.37	13.53	9.23	9.85	-41.59	9.69	-1.8	SYNERGY	816.96	
87	2	-2.98	19.25	11.06	68.9	22.36	47.01	56.43	57.37	73.49	-3.22	95% confidence interval	1548 - 86	
88	1	-3.2	2.43	18.21	40.81	-1.86	42.45	24.97	54.58	59.72	-7.59			
89	0.5	-3.39	1.85	14.44	1.83	4.6	0.13	5.6	-12.13	63.33	3.05	ANTAGONISM	-127.85	
90	0.25	-3.34	9.22	-0.82	8.34	-7.12	0.95	3.03	-4.89	30.51	-31.36	95% confidence interval	-15 - -241	
91	0		-3.43	-3.49	-3.49	-3.36	-3.49	-3.36	-2.57	-3.42	-1.07			
92														
93	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0													
95	0													
96	4	0	0	0.3168	0	0	0	0	0	0	0	SYNERGY	86.37	
97	2	0	0	0	0	0	0	0	23.8736	33.4276	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	28.7472	0	-1.7296			
99	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-14.98	
100	0.25	0	0	0	0	0	0	0	0	0	-13.2496	log volume	#VALUE!	
101	0	0	0	0	0	-1.3928	0	0	0	0	0			
102														
103	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0													
105	0													
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	55.12	
107	2	0	0	0	0	0	0	0	13.4487	20.9592	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	20.7074	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-7.61	
110	0.25	0	0	0	0	0	0	0	0	0	-7.6132	log volume	#VALUE!	
111	0	0	0	0	0	-0.7401	0	0	0	0	0			
112														
113	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0													
115	0													
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	18.55	
117	2	0	0	0	0	0	0	0	1.12681	6.22196	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	11.2046	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-0.95
120	0.25	0	0	0	0	0	0	0	0	0	-0.95116	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DLV (ng/mL)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4154	1.1129	1.9486	1.8404	1.0058	1.7161	1.4491	1.6324	1.5818	1.4604	0.2416	1.4479	
6	2	0.4613	1.556	0.802	0.7668	1.7518	1.582	0.8002	1.4707	1.6837	1.542	0.3056	1.4668	<u>Average VC</u>
7	1	0.3713	0.619	0.5622	0.5363	0.4064	0.4455	0.5195	0.4491	0.7503	1.416	0.2202	1.5587	0.305516667
8	0.5	0.3759	0.4084	0.3976	0.4879	0.2999	0.6982	0.2908	0.8849	0.7412	1.3564	0.5067	2.1831	
9	0.25	0.3584	0.4629	0.3817	0.28	0.3928	0.2737	0.4407	0.9001	1.667	1.4347	0.3042	1.9873	<u>Average CC</u>
10	0	0.2818	0.325	0.2858	0.9492	0.2917	0.5252	0.6893	0.3714	0.9978	1.2868	0.2548	2.0633	1.784516667
11	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.4759	1.8207	1.9406	1.8285	1.8162	1.6385	1.7158	1.6362	1.405	1.745	0.3186	1.9351	
16	2	1.4261	0.6873	2.0472	0.9091	1.4811	1.2593	0.4615	1.136	1.7803	1.3742	0.2452	1.886	<u>Average VC</u>
17	1	0.3689	0.4906	0.9846	0.6244	0.3976	0.8139	0.3953	0.4692	1.5216	1.3648	0.2489	1.9678	0.262983333
18	0.5	0.3931	1.0733	1.1246	0.5368	0.4687	0.3221	0.3579	0.4512	0.7911	1.3986	0.2486	2.2365	
19	0.25	0.3709	0.349	0.329	0.3032	0.3495	0.2469	0.4483	1.5916	0.6259	1.1961	0.2956	1.8966	<u>Average CC</u>
20	0	0.3513	0.4077	0.2912	0.2804	0.3342	0.2633	0.2807	0.3176	0.7512	1.3411	0.2201	1.9783	1.983383333
21	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4849	2.1042	1.9868	1.7513	1.7421	1.7382	1.7157	1.6774	1.6466	1.6368	0.2362	2.1826	
26	2	1.2655	0.8829	0.9229	0.4092	1.4086	0.4431	0.5448	1.6929	1.5425	1.5955	0.3144	2.0505	<u>Average VC</u>
27	1	0.3738	0.7375	0.6251	0.3858	0.3806	1.2779	0.6257	1.6907	1.2402	0.706	0.2729	2.0926	0.2909
28	0.5	0.5135	0.4674	0.416	0.4693	0.3462	0.9068	0.3006	1.1993	0.9874	1.4313	0.2546	2.2286	
29	0.25	0.2891	0.4289	0.3939	0.3475	0.331	0.3589	0.4492	0.4905	0.9003	1.2066	0.4233	2.0659	<u>Average CC</u>
30	0	0.2329	0.2903	0.33	0.2336	0.2705	0.4076	0.3593	0.3786	0.8598	1.3177	0.244	2.3802	2.166733333
31	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	69.73	80.6	99.67	90.88	71.66	84.16	79.24	81.15	74.98	78.66			
57	2	43.37	46.97	56.99	25.02	76.06	50.78	19.51	68.08	82.7	72.58			
58	1	5.01	19.41	23.93	13.89	6.48	31.37	13.34	32.11	51.28	53.76			
59	0.5	8.06	21.16	20.99	12.59	4.84	20.94	1.68	32.85	32.43	65.95			
60	0.25	3.25	7.67	4.83	1.21	4.36	0.18	9.45	42.69	48.55	59.8			
61	0	0	3.23	0.8	13.83	0.71	7.03	10.21	4.1	35.17	61.25			
62														
63	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	5.73	22.73	10.51	12.86	22.03	9.81	4.66	7.98	10.23	7.21			
67	2	29.49	32.84	40.46	16.51	19.64	39.58	12.11	15.16	14.06	9.86			
68	1	0.99	5.51	15.79	8.11	1.55	21.58	5.17	36.84	21.55	27.94			
69	0.5	3.58	22.5	25.19	3.21	6.38	15.48	3.41	19.53	4.12	5.13			
70	0.25	3.2	2.83	0.87	2.56	1.97	3.05	1.2	33.36	38.11	14.58			
71	0	4.71	4.54	1.86	25.8	2.97	7.45	13.69	0.81	10.12	5.93			
72														
73	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	ADDITIVE INHIBITION		
74	0													
75	0													
76	4	69.73	70.71	69.97	73.92	69.94	71.86	72.82	70.97	80.38	88.27			
77	2	43.37	45.2	43.82	51.2	43.77	47.35	49.15	45.69	63.29	78.06			
78	1	5.01	8.08	5.77	18.15	5.68	11.69	14.71	8.9	38.42	63.19			
79	0.5	8.06	11.03	8.8	20.78	8.71	14.52	17.45	11.83	40.4	64.37			
80	0.25	3.25	6.38	4.02	16.63	3.94	10.05	13.13	7.22	37.28	62.51			
81	0	0	3.23	0.8	13.83	0.71	7.03	10.21	4.1	35.17	61.25			
82														
83	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT		
84	0													
85	0													
86	4	0	9.89	29.7	16.96	1.72	12.3	6.42	10.18	-5.4	-9.61	SYNERGY	366.28	
87	2	0	1.77	13.17	-26.18	32.29	3.43	-29.64	22.4	19.41	-5.48	95% confidence interval	723 - 10	
88	1	0	11.33	18.16	-4.26	0.8	19.66	-1.37	23.21	12.86	-9.44			
89	0.5	0	10.13	12.19	-8.19	-3.87	6.42	-15.77	21.02	-7.97	1.58	ANTAGONISM	-158.86	
90	0.25	0	1.29	0.81	-15.42	0.42	-8.87	-3.68	35.47	11.27	-2.71	95% confidence interval	-33 - -285	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (95%) Bonferroni Adj.		
94	0													
95	0													
96	4	0	0	9.1004	0	0	0	0	0	0	0	SYNERGY	9.63	
97	2	0	0	0	0	0	0	-5.9044	0	0	0	log volume	#VALUE!	
98	1	0	0.5304	0	0	0	0	0	0	0	0			
99	0.5	0	0	0	-1.8984	0	0	-9.0864	0	0	0	ANTAGONISM	-32.51	
100	0.25	0	0	0	-10.4024	0	-3.892	-1.328	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (99%) Bonferroni Adj.		
104	0													
105	0													
106	4	0	0	2.6893	0	0	0	0	0	0	0	SYNERGY	2.69	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	-7.0063	0	0	0	ANTAGONISM	-18.47	
110	0.25	0	0	0	-8.8408	0	-2.0315	-0.596	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (99.9%) Bonferroni Adj.		
114	0													
115	0													
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	-4.54769	0	0	0	ANTAGONISM		-11.54
120	0.25	0	0	0	-6.99504	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DLV (ng/mL)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7406	1.7267	1.8528	0.8018	1.6205	1.5162	1.6099	1.6656	1.7754	1.4769	0.4833	1.8166	
6	2	0.7749	0.6026	1.4628	0.7318	0.8207	0.8008	0.7562	1.0435	0.9494	1.5097	0.3485	1.788	<u>Average VC</u>
7	1	0.6573	0.5362	0.5172	0.6946	0.4564	0.4126	0.6185	0.554	0.6346	1.2905	0.3765	1.8262	0.38645
8	0.5	0.5442	0.6611	0.6326	0.6513	0.5048	0.4701	0.4616	0.462	0.5726	1.3923	0.3906	1.6394	
9	0.25	0.5012	0.5594	0.375	0.4071	0.39	0.3462	0.4633	1.222	0.5582	1.1653	0.3737	1.6239	<u>Average CC</u>
10	0	0.4294	0.2826	0.4197	0.3052	0.2896	0.2247	0.3506	0.3274	0.4248	1.3751	0.3461	1.5409	1.705833333
11	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.6183	1.9652	1.1294	1.6018	0.8097	1.3868	1.6996	1.6496	1.7875	1.62	0.3351	1.8764	
16	2	0.5495	0.6015	1.0754	0.5234	0.4707	0.5518	1.0356	0.8751	1.2388	1.4871	0.3731	1.7401	<u>Average VC</u>
17	1	0.6851	0.5212	0.6357	0.4653	0.4257	0.4613	0.6101	0.7663	0.7142	1.2554	0.2847	1.769	0.330066667
18	0.5	0.6515	0.4539	0.5664	0.5886	0.4342	0.4272	0.5779	0.6185	0.6794	1.339	0.2764	1.5088	
19	0.25	0.4748	0.4469	0.4543	0.4298	0.3712	0.3807	0.4174	0.4554	1.0484	1.2606	0.4384	1.7125	<u>Average CC</u>
20	0	0.4216	0.2966	0.3266	0.2715	0.3262	0.4129	0.3678	0.3885	0.364	1.2463	0.2727	1.4544	1.6752
21	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4448	1.2206	1.8978	1.5784	0.6759	1.1726	1.4803	1.3911	1.6605	1.5844	0.3685	2.1251	
26	2	0.6368	0.8535	0.855	0.6614	0.633	0.6871	0.6057	0.6027	1.119	1.1837	0.375	1.8678	<u>Average VC</u>
27	1	0.6407	0.6758	0.7463	0.4956	0.5825	0.4756	0.551	0.5896	0.727	1.1151	0.3695	1.8666	0.346666667
28	0.5	0.6659	0.4794	0.5163	0.5012	0.4589	0.5873	0.6463	0.456	0.572	1.0816	0.3306	2.1342	
29	0.25	0.5113	0.4516	0.4728	0.4791	0.4607	0.4883	0.38	0.4738	0.5741	1.0053	0.3178	1.7281	<u>Average CC</u>
30	0	0.4015	0.2983	0.2852	0.3313	0.3047	0.3479	0.3489	0.4775	0.3546	1.3195	0.3186	1.6767	1.89975
31	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	89.7	93.14	90.15	68.44	50.13	72.46	89.18	87.43	99.41	86.06			
57	2	21.48	23.06	56.57	20.27	20.6	23.27	32.38	35.6	53.32	75.02			
58	1	19.43	13.44	19.45	14.33	9.2	6.68	17.19	20.26	23.95	62.26			
59	0.5	18.8	12.6	15.47	16.41	7.98	9.69	14.47	11.4	18.2	66.19			
60	0.25	10.02	9.52	5.5	5.84	3.56	3.28	4.82	26.94	27.02	56.87			
61	0	4.53	0	0	0	0	0	0.08	2.76	1.98	68.54			
62														
63	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	16.81	33.45	27.2	32.91	38.28	17.06	14.74	17.49	12.92	8.64			
67	2	7	8.5	24.45	5.9	11.38	7.55	18.28	17.19	12.83	18.3			
68	1	6.74	1.83	8.4	7.82	5.26	4.13	3.85	10.64	4.9	11.07			
69	0.5	6.16	6.46	4.04	5.61	0.9	5.05	7.61	8.72	6.74	16.35			
70	0.25	1.15	3.26	5.54	3.74	3.56	6.1	2.34	31.52	22.86	13.51			
71	0	1.97	2.94	3.26	2.62	3.58	9.38	2.76	6.59	1.29	6.16			
72														
73	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	90.17	89.7	89.7	89.7	89.7	89.7	89.71	89.98	89.9	96.76			
77	2	26.04	21.48	21.48	21.48	21.48	21.48	21.54	23.65	23.03	75.3			
78	1	23.08	19.43	19.43	19.43	19.43	19.43	19.49	21.65	21.03	74.65			
79	0.5	22.48	18.8	18.8	18.8	18.8	18.8	18.86	21.04	20.41	74.45			
80	0.25	14.1	10.02	10.02	10.02	10.02	10.02	10.08	12.5	11.8	71.69			
81	0	8.85	4.53	4.53	4.53	4.53	4.53	4.61	7.16	6.42	69.97			
82														
83	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT		
84	0													
85	0						#VALUE!						SYNERGY	137.54
86	4	-0.47	3.44	0.45	-21.26	-39.57	-17.24	-0.53	-2.55	9.51	-10.71		95% confidence interval	270 - 5
87	2	-3.56	1.58	35.09	-1.21	-0.88	1.79	10.84	11.95	30.29	-0.28			
88	1	-3.65	-5.99	0.02	-5.1	-10.23	-12.75	-2.3	-1.39	2.92	-12.39			
89	0.5	-3.68	-6.2	-3.33	-2.39	-10.82	-9.11	-4.39	-9.64	-2.21	-8.26		ANTAGONISM	-258.66
90	0.25	-4.08	-0.5	-4.52	-4.18	-6.46	-6.74	-5.27	14.44	15.22	-14.82		95% confidence interval	-19 - -499
91	0		-4.53	-4.53	-4.53	-4.53	-4.53	-4.53	-4.4	-4.44	-1.43			
92														
93	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	5.14
97	2	0	0	0	0	0	0	0	0	5.1432	0		log volume	#VALUE!
98	1	0	-2.4032	0	0	0	-4.6552	0	0	0	0			
99	0.5	0	0	0	0	-9.056	0	0	0	0	0		ANTAGONISM	-18.62
100	0.25	-1.826	0	0	0	0	0	-0.6836	0	0	0		log volume	#VALUE!
101	0	0	0	0	0	0	0	0	0	-1.9116	0			
102														
103	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	68%
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
107	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
108	1	0	-1.2869	0	0	0	-2.1359	0	0	0	0			
109	0.5	0	0	0	0	-8.507	0	0	0	0	0		ANTAGONISM	-13.05
110	0.25	-1.1245	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
111	0	0	0	0	0	0	0	0	0	-1.1247	0			
112														
113	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
117	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	-7.8581	0	0	0	0	0	ANTAGONISM		-8.15
120	0.25	-0.29535	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	-0.19461	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: ETV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	0.9026	0.805	1.1012	0.9143	1.9009	0.9093	1.6577	1.5714	1.6703	3.3218	0.3626	2.3109	
6	2	0.7352	0.8225	0.7483	0.504	0.5186	0.5245	0.6276	0.8353	1.6904	1.543	0.3604	1.6955	<u>Average VC</u>
7	1	0.7906	0.7577	0.4519	0.4654	0.4186	0.5143	0.4724	0.5896	1.4848	1.7611	0.2961	1.662	0.343016667
8	0.5	0.5205	0.4915	0.3563	0.4616	0.4285	0.3752	0.3377	0.5026	0.5508	1.7138	0.3616	1.5887	
9	0.25	0.4044	0.4533	0.3718	0.4169	0.3936	0.3478	0.4107	0.3886	0.7245	1.391	0.4078	1.4948	<u>Average CC</u>
10	0	0.3593	0.3357	0.3438	0.2682	0.2765	0.3567	0.3128	0.3953	1.0537	1.8492	0.2696	1.067	1.636483333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.5421	1.5267	1.7829	1.5374	1.6761	1.4547	1.4298	1.263	1.6386	3.1777	0.2622	1.8737	
16	2	1.1933	0.9423	0.446	0.6384	0.5059	0.449	0.4609	1.4524	1.0747	1.6376	0.284	1.6522	<u>Average VC</u>
17	1	0.5692	0.4817	0.4429	0.5257	0.3775	0.5406	0.4646	0.6548	1.4807	1.6304	0.3465	1.6003	0.283883333
18	0.5	0.5758	0.5052	0.4229	0.4608	0.3509	0.3138	0.3436	1.2179	1.254	1.7765	0.3315	1.145	
19	0.25	0.4362	0.4004	0.4642	0.3707	0.422	0.367	0.388	0.4315	1.1216	1.7226	0.2393	0.9137	<u>Average CC</u>
20	0	0.3446	0.3081	0.3026	0.4286	0.291	0.2894	0.29	0.407	0.9383	1.8108	0.2398	1.5521	1.456166667
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	3.4405	1.6664	1.0179	1.4491	1.7699	1.4483	1.1097	1.6414	1.7605	2.9292	0.3215	2.1274	
26	2	1.1728	0.5904	0.7857	0.6285	0.5781	0.9724	1.0642	1.901	1.9031	1.5011	0.3539	2.103	<u>Average VC</u>
27	1	0.7823	0.4418	0.7912	0.4613	0.4402	0.4345	0.3995	0.5785	1.8476	1.6601	0.3064	2.1787	0.3543
28	0.5	0.6383	0.6352	0.3923	0.4142	0.3366	0.4279	0.3892	0.7874	1.138	1.4934	0.4362	0.9853	
29	0.25	0.4898	0.3547	0.3768	0.3463	0.333	0.455	0.3438	0.4948	0.5159	1.638	0.4039	1.1386	<u>Average CC</u>
30	0	0.3591	0.6458	0.2982	0.3142	0.2518	0.3565	0.2458	0.4137	1.1379	1.6034	0.3039	0.512	1.5075
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	cc	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	cc	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	85.17	81.34	82.01	100	79.51	88.3	96.7	100	100			
57	2	69.62	37.9	27.52	22.15	17.31	27.24	32.89	90.62	97.08	100			
58	1	32.02	18.84	19.96	13.12	7.09	14.03	9.78	23.38	100	100			
59	0.5	21.08	18.24	6.39	9.82	3.6	3.81	2.57	43.19	55.59	100			
60	0.25	9.83	6.17	6.24	4.14	4.62	5.11	4.4	9.43	38.32	100			
61	0	2.28	8.93	0	0.77	0	0.55	0	6.67	59.67	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	115.57	43	40.3	33.32	1.56	31.04	19.84	14.12	9.85	12.1			
67	2	26.69	17.86	12.24	9.01	3.24	22.83	25.07	48.67	34.06	11.67			
68	1	6.77	12.35	15.74	6.6	1.11	7.5	5.75	7.15	20.98	2.68			
69	0.5	6.38	6.46	5.71	4.98	4.47	2.23	2.78	34.02	35.02	14.85			
70	0.25	4.45	5.36	7.18	4.27	6.84	4.29	4.95	5.12	29.72	21.55			
71	0	2.54	14.22	3.38	10.14	4.78	0.4	5.11	3.45	7.27	11.09			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	60.54	63.23	59.62	59.93	59.62	59.84	59.62	62.27	83.67	100			
78	1	33.57	38.09	32.02	32.54	32.02	32.39	32.02	36.49	72.52	100			
79	0.5	22.88	28.13	21.08	21.69	21.08	21.51	21.08	26.27	68.09	100			
80	0.25	11.89	17.88	9.83	10.52	9.83	10.33	9.83	15.75	63.54	100			
81	0	4.51	11.01	2.28	3.03	2.28	2.82	2.28	8.7	60.49	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	86.16	
86	4	0	-14.83	-18.66	-17.99	0	-20.49	-11.7	-3.3	0	0	95% confidence interval	- not significant	
87	2	-0.92	-25.33	-32.1	-37.78	-42.31	-32.6	-26.73	28.35	13.41	0			
88	1	-1.55	-19.25	-12.06	-19.42	-24.93	-18.36	-22.24	-13.11	27.48	0			
89	0.5	-1.8	-8.89	-15.69	-11.87	-17.48	-17.7	-18.61	16.92	-12.5	0	ANTAGONISM	-592.24	
90	0.25	-2.06	-11.71	-3.59	-6.38	-5.21	-5.22	-5.43	-6.32	-25.22	0	95% confidence interval	-151 - -1033	
91	0		-2.08	-2.28	-2.26	-2.28	-2.27	-2.28	-2.13	-0.92	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%) Bonferroni Adj.		
94	0													
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
97	2	0	0	-8.1096	-20.1204	-35.9596	0	0	0	0	0	log volume	#VALUE!	
98	1	0	0	0	-6.68	-22.7544	-3.66	-10.97	0	0	0			
99	0.5	0	0	-4.4984	-2.1092	-8.7188	-13.3292	-13.0612	0	0	0	ANTAGONISM	-151.18	
100	0.25	0	-1.2044	0	0	0	0	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	-1.486	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%) Bonferroni Adj.		
104	0													68%
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
107	2	0	0	-0.6432	-14.6243	-33.9832	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	-2.715	-22.0773	0	-7.4625	0	0	0			
109	0.5	0	0	-1.0153	0	-5.9921	-11.9689	-11.3654	0	0	0	ANTAGONISM	-111.85	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0		0	0	0	0	-1.242	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%) Bonferroni Adj.		
114	0													97%
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	-8.12809	-31.6472	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	-21.277	0	-3.31675	0	0	0			
119	0.5	0	0	0	0	-2.76923	-10.3611	-9.36102	0	0	0	ANTAGONISM		-86.86
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	-0.9536	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: ETV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.6038	1.5944	1.6811	1.6131	1.5646	1.5988	1.6044	1.7487	1.3751	1.6961	0.2477	1.3094	
6	2	0.5445	0.5605	0.886	1.2237	1.023	1.3566	1.5192	1.2594	1.6696	1.6825	0.3074	1.0962	<u>Average VC</u>
7	1	0.3558	0.3985	0.4667	0.3555	0.4098	0.4997	0.4527	0.7062	1.6466	2.0811	0.245	1.433	0.268733333
8	0.5	0.5022	0.4426	0.3813	0.4706	0.3717	0.4183	0.5928	0.7185	1.5184	2.1369	0.2007	1.415	
9	0.25	0.4215	0.4105	0.4071	0.3453	0.2623	0.3631	0.4119	1.0367	1.644	1.8437	0.3576	1.4266	<u>Average CC</u>
10	0	0.259	0.272	0.3234	0.2657	0.577	0.482	0.2623	0.3164	1.7664	1.9278	0.264	1.2643	1.324083333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.3719	1.6905	1.6693	1.4539	1.1564	1.5692	1.3657	1.6699	1.2477	1.7052	0.2782	1.6818	
16	2	0.9915	1.0739	0.6257	0.7364	0.9881	0.9654	2.3227	1.6147	1.5906	1.4229	0.2548	1.6104	<u>Average VC</u>
17	1	0.4249	0.4788	0.4254	0.4302	0.5986	0.7834	0.5757	1.2557	2.4056	2.0153	0.2266	1.5741	0.264533333
18	0.5	0.3314	0.6041	0.466	0.4402	0.4678	0.333	0.5814	0.6475	1.5603	2.3192	0.2398	1.0653	
19	0.25	0.2806	0.35	0.3391	0.3704	0.2852	0.3818	0.2696	0.5762	1.7684	1.8129	0.2338	1.6265	<u>Average CC</u>
20	0	0.2303	0.2901	0.2159	0.2542	0.2321	0.3937	0.2727	0.2801	1.7693	1.9552	0.355	1.584	1.523516667
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.2906	0.6393	1.5877	1.68	1.4948	1.5925	1.5281	1.6819	1.5552	1.7372	0.2047	1.8439	
26	2	1.137	0.9086	0.6824	1.3659	1.5634	1.5361	0.6563	1.7248	1.445	1.2601	0.2477	1.8082	<u>Average VC</u>
27	1	0.4915	0.4528	0.4177	0.6407	0.4584	0.3457	0.5423	1.8121	1.474	1.8671	0.2399	1.7556	0.245483333
28	0.5	0.6236	0.3986	0.7047	0.9453	0.3793	0.3989	0.4191	0.7771	0.8044	1.5948	0.2618	1.7937	
29	0.25	0.3607	0.3912	0.3673	0.3044	0.3281	0.4	0.3853	0.407	1.7587	1.8106	0.3129	1.7353	<u>Average CC</u>
30	0	0.2187	0.3331	0.3369	0.2582	0.2232	0.2752	0.2586	0.6994	0.8278	1.9759	0.2059	1.6224	1.75985
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	94.49	88.29	100	100	92.04	100	99.57	100	89.8	100			
57	2	47.58	45.24	38.68	67.32	71.99	81.33	100	99.6	100	97.66			
58	1	12.41	14.34	14.3	15.83	17.99	23.24	20.68	74.54	100	100			
59	0.5	17.47	17.85	19	26.43	11.58	9.91	22.45	36.05	86.08	100			
60	0.25	7.79	9.96	9.03	6.62	2.16	9.49	7.73	36.06	100	100			
61	0	0	2.71	2.45	0	8.39	10.81	0.3	11.91	99.96	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	29.3	54.3	22.6	18.93	27.26	18.67	23.41	22.95	13.68	18.43			
67	2	18.59	18.36	17.16	27.13	14.78	23.95	69.48	6.89	26.77	33.84			
68	1	4.01	2.43	3.92	9.23	7.41	17.34	3.74	31.21	44.56	32.33			
69	0.5	10.62	8.51	10.17	17.33	3.98	4.37	9.91	6.15	43.28	47.28			
70	0.25	6.59	3.33	3.69	2.35	3.07	0.65	6.71	32.56	15.4	23.02			
71	0	0.9	2.8	5.48	0.85	18.04	9.14	0.8	15.73	54.43	21.49			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0													
76	4	94.49	94.64	94.62	94.49	94.95	95.09	94.51	95.15	100	100			
77	2	47.58	49	48.86	47.58	51.98	53.25	47.74	53.82	99.98	100			
78	1	12.41	14.78	14.56	12.41	19.76	21.88	12.67	22.84	99.96	100			
79	0.5	17.47	19.71	19.49	17.47	24.39	26.39	17.72	27.3	99.97	100			
80	0.25	7.79	10.29	10.05	7.79	15.53	17.76	8.07	18.77	99.96	100			
81	0	0	2.71	2.45	0	8.39	10.81	0.3	11.91	99.96	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0													
86	4	0	-6.35	5.38	5.51	-2.91	4.91	5.06	4.85	-10.2	0	SYNERGY	295.8	
87	2	0	-3.76	-10.18	19.74	20.01	28.08	52.26	45.78	0.02	-2.34	95% confidence interval	559 - 33	
88	1	0	-0.44	-0.26	3.42	-1.77	1.36	7.91	51.7	0.04	0			
89	0.5	0	-1.86	-0.49	8.96	-12.81	-16.48	4.73	8.75	-13.89	0	ANTAGONISM	-108.35	
90	0.25	0	-0.34	-1.02	-1.27	-13.37	-8.27	-0.34	17.29	0.04	0	95% confidence interval	-27 - -189	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0													
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	32.86	
97	2	0	0	0	0	0	0	0	32.2756	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0.5796	0	0	0			
99	0.5	0	0	0	0	-5.0092	-7.9148	0	0	0	0	ANTAGONISM	-27.27	
100	0.25	0	0	0	0	-7.3528	-6.996	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0													
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	28.07	
107	2	0	0	0	0	0	0	0	28.0727	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	-2.5814	-5.2491	0	0	0	0	ANTAGONISM	-19.91	
110	0.25	0	0	0	0	-5.4801	-6.5995	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0													
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	23.11	
117	2	0	0	0	0	0	0	0	23.105	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	1.40069	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)			MacSynergy™ II					Horizontal Drug: T20 (nM)					
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7141	0.5804	1.0278	1.5033	1.6676	0.3032	1.6818	1.7572	1.8462	1.7066	0.3925	1.7094	
6	2	1.0643	0.5012	1.0145	0.348	0.5115	1.0822	0.8569	0.9768	1.6325	2.1306	0.2537	1.5029	<u>Average VC</u>
7	1	0.3744	0.3658	0.6439	0.6115	0.3233	0.7422	0.348	0.5895	1.6111	1.8615	0.3074	1.2524	0.281716667
8	0.5	0.5558	0.4394	0.4507	0.2842	0.5185	0.2237	0.3581	0.3365	1.436	1.4109	0.2414	1.8664	
9	0.25	0.4335	0.56	0.4887	0.4419	0.3202	0.2153	0.3911	0.3002	0.2765	1.8169	0.2279	1.7219	<u>Average CC</u>
10	0	0.2319	0.2933	0.268	0.1918	0.2561	0.1993	0.2955	0.6388	0.5366	1.5716	0.2674	1.8132	1.644366667
11	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	0.6133	0.6154	0.761	1.5174	1.5354	1.6835	1.7267	1.8469	2.0645	1.3645	0.2213	1.6715	
16	2	1.2389	1.0384	0.4701	0.7406	0.6941	1.0684	1.1406	1.6417	1.6787	1.7249	0.1972	1.6047	<u>Average VC</u>
17	1	0.346	0.4568	0.42	0.3296	0.263	0.3805	0.4349	1.7341	1.6973	1.6182	0.2384	1.6449	0.199533333
18	0.5	0.3388	0.4096	0.3252	0.5096	0.5105	0.5729	0.431	0.345	0.7932	1.8427	0.1793	1.7277	
19	0.25	0.245	0.7761	0.3478	0.6956	0.2474	0.3088	0.3504	0.377	0.3897	1.891	0.1719	1.5981	<u>Average CC</u>
20	0	0.203	0.3261	0.2979	0.2666	0.2099	0.3665	0.2436	0.3726	0.4337	1.4394	0.1891	1.5681	1.635833333
21	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.6911	1.9242	1.7187	1.5413	1.5127	1.6496	1.6291	1.7831	1.7684	1.6921	0.3702	1.8662	
26	2	0.7617	1.2216	0.4959	0.4741	1.3363	0.3878	1.4339	1.2695	1.732	1.804	0.2757	1.7492	<u>Average VC</u>
27	1	0.3213	0.365	0.5116	1.2724	0.3415	0.3197	0.3447	1.6088	0.4625	1.8084	0.2849	1.7296	0.274316667
28	0.5	0.3492	0.3016	0.4032	0.2427	0.2865	0.2835	0.3039	0.2871	1.6889	1.7079	0.2259	1.6874	
29	0.25	0.2867	0.3522	0.4466	0.2739	0.2839	0.2724	0.2848	0.3698	1.336	2.0177	0.2571	1.707	<u>Average CC</u>
30	0	0.4481	0.2867	0.2992	0.2244	0.2842	0.263	0.2589	0.309	0.7057	1.5014	0.2321	1.7387	1.74635
31	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	76.72	54.32	63.99	89.16	92.95	66.11	100	100	100	94			
57	2	54.3	46.29	29.22	18.7	41.15	42.32	62.17	73.01	100	100			
58	1	6.73	10.08	19.35	33.69	4.01	16.49	8.68	73.36	71.54	100			
59	0.5	11.63	9.35	9.97	6.54	13.28	7.46	7.91	5.01	74.05	98.22			
60	0.25	5.05	21.95	12.41	13.1	2.27	0.87	6.41	6.73	28.33	100			
61	0	2.8	3.5	2.51	0	0	1.6	1.01	13.54	21.44	88.11			
62														
63	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	41.73	50.15	30.58	2.87	8.79	56.1	7.44	6.1	14.18	11.9			
67	2	19.81	26.31	21.35	16.99	28.25	29.98	18.51	25.14	2.26	17.72			
68	1	3.5	6.78	6.27	30.5	0.83	15.72	6.68	44.71	51	8.77			
69	0.5	7.7	6.67	2.11	13.08	11	16.24	7.33	4.71	28.9	15.78			
70	0.25	5.4	17.48	2.51	13.85	1.42	6.3	5.09	5.5	38.54	3.16			
71	0	8.04	4.6	3.99	5.81	1.49	9.07	2.06	11.99	6.92	5.86			
72														
73	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	77.37	77.53	77.3	76.72	76.72	77.09	76.96	79.87	81.71	97.23			
77	2	55.58	55.9	55.45	54.3	54.3	55.03	54.76	60.49	64.1	94.57			
78	1	9.34	9.98	9.07	6.73	6.73	8.22	7.67	19.36	26.73	88.91			
79	0.5	14.1	14.72	13.85	11.63	11.63	13.04	12.52	23.6	30.58	89.49			
80	0.25	7.71	8.37	7.43	5.05	5.05	6.57	6.01	17.91	25.41	88.71			
81	0	5.52	6.2	5.24	2.8	2.8	4.36	3.78	15.96	23.64	88.44			
82														
83	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	402.97	
86	4	-0.65	-23.21	-13.31	12.44	16.23	-10.98	23.04	20.13	18.29	-3.23	95% confidence interval	746 - 60	
87	2	-1.28	-9.61	-26.23	-35.6	-13.15	-12.71	7.41	12.52	35.9	5.43			
88	1	-2.61	0.09	10.28	26.96	-2.72	8.27	1.01	54	44.81	11.09			
89	0.5	-2.47	-5.37	-3.88	-5.09	1.65	-5.59	-4.61	-18.59	43.47	8.73	ANTAGONISM	-223.21	
90	0.25	-2.66	13.58	4.98	8.05	-2.78	-5.7	0.4	-11.18	2.92	11.29	95% confidence interval	-13 - -433	
91	0		-2.7	-2.73	-2.8	-2.8	-2.76	-2.77	-2.42	-2.2	-0.33			
92														
93	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	6.8148	0	0	8.4576	8.174	0	0	SYNERGY	60.07	
97	2	0	0	0	-2.2996	0	0	0	0	31.4704	0	log volume	#VALUE!	
98	1	0	0	0	0	-1.0932	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	0	-9.3584	0	0	ANTAGONISM	-13.15	
100	0.25	0	0	0.0604	0	0	0	0	-0.4	0	5.0964	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	5.0641	0	0	3.9192	4.453	0	0	SYNERGY	46.7	
107	2	0	0	0	0	0	0	0	0	30.0918	0	log volume	#VALUE!	
108	1	0	0	0	0	-0.5869	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	-6.4853	0	0	ANTAGONISM	-7.07	
110	0.25	0	0	0	0	0	0	0	0	0	3.1688	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	2.99483	0	0	0	0.0549	0	0	SYNERGY	32.4	
117	2	0	0	0	0	0	0	0	0	28.4623	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	-3.08939	0	0	ANTAGONISM		-3.09
120	0.25	0	0	0	0	0	0	0	0	0	0.89044	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: T20 (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7175	1.7344	1.9131	1.9885	1.8496	1.8321	1.8334	0.5927	1.8663	1.7228	0.2827	1.412	
6	2	0.5231	0.6007	0.6685	1.9025	1.0682	1.4776	0.8541	1.9265	1.8848	1.4191	0.234	1.4601	<u>Average VC</u>
7	1	0.5061	0.6129	0.8943	1.714	0.5263	1.3301	0.3657	1.7553	1.8351	1.259	0.2903	1.9108	0.2852
8	0.5	0.2869	0.3975	0.4322	0.3615	0.3644	0.33	0.394	0.7321	1.8448	1.4049	0.2755	1.5897	
9	0.25	0.2628	0.8234	0.2991	0.7644	0.2877	0.4735	0.5122	1.0873	0.4901	0.8817	0.2846	1.9692	<u>Average CC</u>
10	0	0.2814	0.4247	0.2619	0.2555	0.5328	0.2641	0.2339	0.3058	0.4617	1.3271	0.3441	2.0149	1.726116667
11	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.9181	2.0037	2.0798	1.954	1.9539	1.7868	1.7884	1.9318	1.856	1.8429	0.258	1.9434	
16	2	0.3961	1.4099	0.8198	2.0466	0.8695	1.464	1.9102	1.655	1.7424	1.4421	0.2302	1.9014	<u>Average VC</u>
17	1	0.4242	0.4373	0.5237	0.7456	0.3198	1.4144	1.4437	1.6128	1.4753	1.3063	0.2405	1.8893	0.242183333
18	0.5	0.3887	0.4211	0.4034	0.3756	0.3815	0.3306	0.435	0.5434	0.9008	1.4297	0.2317	2.1583	
19	0.25	0.3363	0.3313	0.3823	0.2941	0.3497	0.2615	0.3673	0.6249	1.7128	1.0486	0.2651	1.9386	<u>Average CC</u>
20	0	0.4318	0.228	0.262	0.2706	0.2245	0.2523	0.3838	1.6335	0.2414	1.474	0.2276	1.8947	1.954266667
21	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.3655	1.1648	2.0396	1.9462	1.8973	1.8376	1.8936	0.742	1.7648	1.8558	0.3332	1.9604	
26	2	0.6501	0.606	0.6216	0.9014	0.8388	0.8641	1.8099	1.8287	1.5493	1.4178	0.3112	1.6818	<u>Average VC</u>
27	1	0.3136	0.3776	0.6903	0.6555	0.4711	0.5262	0.9201	1.6896	0.8434	1.4186	0.3301	2.0275	0.338683333
28	0.5	0.3378	0.352	0.8952	0.3563	0.673	0.3514	0.6363	0.3393	1.3282	1.5857	0.3883	2.487	
29	0.25	0.4931	0.3869	0.3607	0.3667	0.2618	0.3654	0.5015	0.2606	0.507	0.8387	0.4361	2.0621	<u>Average CC</u>
30	0	0.3328	0.2723	0.2644	0.2401	0.2485	0.322	0.4471	0.2691	0.2265	1.4307	0.2332	2.169	2.0613
31	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	85.63	83.81	100	100	99.68	94.86	96.01	47.81	95.58	93.78			
57	2	14.53	35.21	25.59	83.43	40	61.54	74.1	94.31	89.64	70.47			
58	1	8.17	12.13	26.38	48.98	9.65	50.62	36.51	86.83	69.63	64.14			
59	0.5	2.87	6.34	17.31	4.7	11.01	3	12.03	16.21	68.05	73.15			
60	0.25	4.3	15.12	3.48	12.64	0.65	5.25	10.84	24.5	36.63	39.18			
61	0	3.49	1.67	0	0	3.64	0	3.67	26.22	1.9	69.22			
62														
63	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	22.55	31.07	7.17	12.89	9.05	10.94	9.91	44.07	13.52	5.85			
67	2	4.86	28.75	8.7	44.1	12.99	27.48	30.58	17.09	20.44	8.03			
68	1	8.66	10.26	13.91	43.8	6.33	34.47	32.38	13.18	39.19	2.99			
69	0.5	4.92	5	12.99	3.42	7.39	2.21	4.91	15.54	36.07	4.23			
70	0.25	5.36	19.29	4.08	17.87	5.39	6.77	4.39	30.16	42.72	9.24			
71	0	6.57	7.1	2.73	3.69	11.92	1.07	6.34	47.75	9.53	5.05			
72														
73	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	86.13	85.87	85.63	86.63	86.15	85.63	86.16	89.4	85.9	95.58			
77	2	17.51	15.96	14.53	14.53	17.64	14.53	17.67	36.94	16.15	73.69			
78	1	11.37	9.7	8.17	8.17	11.51	8.17	11.54	32.25	9.91	71.73			
79	0.5	6.26	4.49	2.87	2.87	6.41	2.87	6.43	28.34	4.72	70.1			
80	0.25	7.64	5.9	4.3	4.3	7.78	4.3	7.81	29.39	6.12	70.54			
81	0	6.86	5.1	3.49	3.49	7	3.49	7.03	28.79	5.32	70.29			
82														
83	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.5	-2.06	14.37	14.37	13.53	9.23	9.85	-41.59	9.69	-1.8	SYNERGY	816.96	
87	2	-2.98	19.25	11.06	68.9	22.36	47.01	56.43	57.37	73.49	-3.22	95% confidence interval	1548 - 86	
88	1	-3.2	2.43	18.21	40.81	-1.86	42.45	24.97	54.58	59.72	-7.59			
89	0.5	-3.39	1.85	14.44	1.83	4.6	0.13	5.8	-12.13	63.33	3.05	ANTAGONISM	-127.85	
90	0.25	-3.34	9.22	-0.82	8.34	-7.12	0.95	3.03	-4.89	30.51	-31.36	95% confidence interval	-15 - -241	
91	0		-3.43	-3.49	-3.49	-3.36	-3.49	-3.36	-2.57	-3.42	-1.07			
92														
93	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0.3168	0	0	0	0	0	0	0	SYNERGY	86.37	
97	2	0	0	0	0	0	0	0	23.8736	33.4276	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	28.7472	0	-1.7296			
99	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-14.98	
100	0.25	0	0	0	0	0	0	0	0	0	-13.2496	log volume	#VALUE!	
101	0	0	0	0	0	-1.3928	0	0	0	0	0			
102														
103	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	55.12	
107	2	0	0	0	0	0	0	0	13.4487	20.9592	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	20.7074	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-7.61	
110	0.25	0	0	0	0	0	0	0	0	0	-7.6132	log volume	#VALUE!	
111	0	0	0	0	0	-0.7401	0	0	0	0	0			
112														
113	(DRUG)	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	18.55	
117	2	0	0	0	0	0	0	0	1.12681	6.22196	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	11.2046	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-0.95
120	0.25	0	0	0	0	0	0	0	0	0	-0.95116	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DLV (ng/mL)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4154	1.1129	1.9486	1.8404	1.0058	1.7161	1.4491	1.6324	1.5818	1.4604	0.2416	1.4479	
6	2	0.4613	1.558	0.802	0.7668	1.7518	1.582	0.8002	1.4707	1.6837	1.542	0.3056	1.4668	<u>Average VC</u>
7	1	0.3713	0.619	0.5622	0.5363	0.4064	0.4455	0.5195	0.4491	0.7503	1.416	0.2202	1.5587	0.305516667
8	0.5	0.3759	0.4084	0.3976	0.4879	0.2999	0.6982	0.2908	0.8849	0.7412	1.3564	0.5067	2.1831	
9	0.25	0.3584	0.4629	0.3817	0.28	0.3928	0.2737	0.4407	0.9001	1.667	1.4347	0.3042	1.9873	<u>Average CC</u>
10	0	0.2618	0.325	0.2858	0.9492	0.2917	0.5252	0.6893	0.3714	0.9978	1.2868	0.2548	2.0633	1.784516667
11	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.4759	1.8207	1.9406	1.8285	1.8162	1.6385	1.7158	1.6362	1.405	1.745	0.3186	1.9351	
16	2	1.4261	0.6873	2.0472	0.9091	1.4811	1.2593	0.4615	1.136	1.7803	1.3742	0.2452	1.886	<u>Average VC</u>
17	1	0.3689	0.4906	0.9846	0.6244	0.3976	0.8139	0.3953	0.4692	1.5215	1.3648	0.2489	1.9678	0.262983333
18	0.5	0.3931	1.0733	1.1246	0.5368	0.4687	0.3221	0.3579	0.4512	0.7911	1.3986	0.2486	2.2365	
19	0.25	0.3709	0.349	0.329	0.3032	0.3495	0.2469	0.4483	1.5916	0.6259	1.1961	0.2965	1.8966	<u>Average CC</u>
20	0	0.3513	0.4077	0.2912	0.2804	0.3342	0.2633	0.2807	0.3176	0.7512	1.3411	0.2201	1.9783	1.983383333
21	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4849	2.1042	1.9868	1.7513	1.7421	1.7382	1.7157	1.6774	1.6466	1.6368	0.2362	2.1826	
26	2	1.2655	0.8829	0.9229	0.4092	1.4086	0.4431	0.5448	1.6929	1.5425	1.5955	0.3144	2.0505	<u>Average VC</u>
27	1	0.3738	0.7375	0.5251	0.3858	0.3806	1.2779	0.6257	1.6907	1.2402	0.706	0.2729	2.0926	0.2909
28	0.5	0.5135	0.4674	0.416	0.4693	0.3462	0.9068	0.3006	1.1993	0.9874	1.4313	0.2546	2.2286	
29	0.25	0.2891	0.4289	0.3939	0.3475	0.331	0.3589	0.4482	0.4905	0.9003	1.2066	0.4233	2.0659	<u>Average CC</u>
30	0	0.2328	0.2903	0.33	0.2336	0.2705	0.4076	0.3593	0.3786	0.8598	1.3177	0.244	2.3802	2.166733333
31	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	69.73	80.6	99.67	90.88	71.66	84.16	79.24	81.15	74.98	78.66			
57	2	43.37	46.97	56.99	26.02	76.06	50.78	19.51	68.09	82.7	72.58			
58	1	5.01	19.41	23.93	13.89	6.48	31.37	13.34	32.11	51.28	53.76			
59	0.5	8.06	21.16	20.99	12.59	4.84	20.94	1.68	32.85	32.43	66.95			
60	0.25	3.25	7.67	4.83	1.21	4.36	0.18	9.45	42.69	48.55	59.8			
61	0	0	3.23	0.8	13.83	0.71	7.03	10.21	4.1	35.17	61.25			
62														
63	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	5.73	22.73	10.51	12.96	22.03	9.81	4.56	7.98	10.23	7.21			
67	2	29.49	32.84	40.46	16.51	19.64	39.58	12.11	15.16	14.06	9.86			
68	1	0.99	5.51	15.79	8.11	1.55	21.58	5.17	36.84	21.55	27.94			
69	0.5	3.58	22.5	25.19	3.21	6.38	15.48	3.41	19.53	4.12	5.13			
70	0.25	3.2	2.83	0.87	2.56	1.97	3.05	1.2	33.36	38.11	14.58			
71	0	4.71	4.54	1.86	25.8	2.97	7.45	13.69	0.81	10.12	5.93			
72														
73	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	69.73	70.71	69.97	73.92	69.94	71.86	72.82	70.97	80.38	88.27			
77	2	43.37	45.2	43.82	51.2	43.77	47.35	49.15	45.69	63.29	78.06			
78	1	5.01	8.08	5.77	18.15	5.68	11.69	14.71	8.9	38.42	63.19			
79	0.5	8.06	11.03	8.8	20.78	8.71	14.52	17.45	11.83	40.4	64.37			
80	0.25	3.25	6.38	4.02	16.63	3.94	10.05	13.13	7.22	37.28	62.51			
81	0	0	3.23	0.8	13.83	0.71	7.03	10.21	4.1	35.17	61.25			
82														
83	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	0	9.89	28.7	16.96	1.72	12.3	6.42	10.18	-5.4	-9.61	SYNERGY	366.28	
87	2	0	1.77	13.17	-26.18	32.29	3.43	-29.64	22.4	19.41	-5.48	95% confidence interval	723 - 10	
88	1	0	11.33	18.16	-4.26	0.8	19.68	-1.37	23.21	12.86	-9.44			
89	0.5	0	10.13	12.19	-8.19	-3.87	6.42	-15.77	21.02	-7.97	1.58	ANTAGONISM	-158.86	
90	0.25	0	1.29	0.81	-15.42	0.42	-9.87	-3.68	35.47	11.27	-2.71	95% confidence interval	-33 - -285	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	0	9.1004	0	0	0	0	0	0	0	SYNERGY	9.63	
97	2	0	0	0	0	0	0	-5.9044	0	0	0	log volume	#VALUE!	
98	1	0	0.5304	0	0	0	0	0	0	0	0			
99	0.5	0	0	0	-1.8984	0	0	-9.0864	0	0	0	ANTAGONISM	-32.51	
100	0.25	0	0	0	-10.4024	0	-3.892	-1.328	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	0	2.6893	0	0	0	0	0	0	0	SYNERGY	2.69	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	-7.0063	0	0	0	ANTAGONISM	-18.47	
110	0.25	0	0	0	-8.8408	0	-2.0315	-0.596	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	-4.54769	0	0	0	ANTAGONISM		-11.54
120	0.25	0	0	0	-6.99504	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DLV (ng/mL)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7406	1.7267	1.8528	0.8018	1.6205	1.5162	1.6099	1.6656	1.7754	1.4759	0.4833	1.8166	
6	2	0.7749	0.6025	1.4628	0.7318	0.8207	0.8008	0.7562	1.0435	0.9494	1.5097	0.3485	1.788	<u>Average VC</u>
7	1	0.5573	0.6362	0.5172	0.6946	0.4564	0.4126	0.6185	0.554	0.6346	1.2905	0.3765	1.8262	0.38645
8	0.5	0.5442	0.6511	0.6326	0.6513	0.5048	0.4701	0.4616	0.462	0.5726	1.3923	0.3906	1.6394	
9	0.25	0.6012	0.5594	0.375	0.4071	0.39	0.3462	0.4633	1.222	0.5582	1.1653	0.3737	1.6239	<u>Average CC</u>
10	0	0.4294	0.2826	0.4197	0.3052	0.2896	0.2247	0.3506	0.3274	0.4248	1.3751	0.3461	1.5409	1.705833333
11	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.6183	1.9652	1.1294	1.6018	0.8097	1.3868	1.6996	1.6495	1.7875	1.62	0.3351	1.8764	
16	2	0.5495	0.6015	1.0754	0.5234	0.4707	0.5518	1.0356	0.8751	1.2388	1.4871	0.3731	1.7401	<u>Average VC</u>
17	1	0.6851	0.5212	0.6357	0.4653	0.4257	0.4613	0.6101	0.7663	0.7142	1.2554	0.2847	1.759	0.330066667
18	0.5	0.6615	0.4539	0.5564	0.5886	0.4342	0.4272	0.5779	0.6185	0.6794	1.339	0.2764	1.5088	
19	0.25	0.4748	0.4469	0.4543	0.4298	0.3712	0.3807	0.4174	0.4554	1.0484	1.2606	0.4384	1.7125	<u>Average CC</u>
20	0	0.4216	0.2966	0.3265	0.2715	0.3262	0.4129	0.3678	0.3885	0.364	1.2453	0.2727	1.4544	1.6752
21	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4448	1.2205	1.8978	1.5784	0.6759	1.1726	1.4803	1.3911	1.6605	1.5844	0.3685	2.1251	
26	2	0.6368	0.8535	0.855	0.6614	0.633	0.6871	0.6057	0.6027	1.119	1.1837	0.375	1.8678	<u>Average VC</u>
27	1	0.6407	0.5758	0.7463	0.4956	0.5825	0.4756	0.551	0.5896	0.727	1.1151	0.3695	1.8666	0.346666667
28	0.5	0.6659	0.4794	0.5163	0.5012	0.4589	0.5873	0.6463	0.456	0.572	1.0816	0.3306	2.1342	
29	0.25	0.5113	0.4516	0.4728	0.4791	0.4607	0.4883	0.38	0.4738	0.5741	1.0053	0.3178	1.7281	<u>Average CC</u>
30	0	0.4015	0.2983	0.2852	0.3313	0.3047	0.3479	0.3489	0.4775	0.3546	1.3195	0.3186	1.6767	1.89975
31	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	89.7	93.14	90.15	68.44	50.13	72.46	89.18	87.43	99.41	86.05			
57	2	21.48	23.06	56.57	20.27	20.6	23.27	32.38	35.6	53.32	75.02			
58	1	19.43	13.44	19.45	14.33	9.2	6.68	17.19	20.26	23.95	62.26			
59	0.5	18.8	12.6	15.47	16.41	7.98	9.69	14.47	11.4	18.2	66.19			
60	0.25	10.02	9.52	5.5	5.84	3.56	3.28	4.82	26.94	27.02	56.87			
61	0	4.53	0	0	0	0	0	0.08	2.76	1.98	68.64			
62														
63	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	16.81	33.45	27.2	32.91	38.28	17.06	14.74	17.49	12.92	8.64			
67	2	7	8.5	24.45	5.9	11.38	7.65	18.28	17.19	12.83	18.3			
68	1	6.74	1.83	8.4	7.82	5.26	4.13	3.85	10.64	4.9	11.07			
69	0.5	6.16	6.46	4.04	5.61	0.9	5.05	7.61	8.72	6.74	16.35			
70	0.25	1.16	3.26	5.54	3.74	3.56	6.1	2.34	31.62	22.66	13.51			
71	0	1.97	2.94	3.25	2.62	3.58	9.38	2.76	6.59	1.29	6.16			
72														
73	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	90.17	89.7	89.7	89.7	89.7	89.7	89.71	89.98	89.9	96.76			
77	2	25.04	21.48	21.48	21.48	21.48	21.48	21.54	23.65	23.03	75.3			
78	1	23.08	19.43	19.43	19.43	19.43	19.43	19.49	21.65	21.03	74.65			
79	0.5	22.48	18.8	18.8	18.8	18.8	18.8	18.86	21.04	20.41	74.45			
80	0.25	14.1	10.02	10.02	10.02	10.02	10.02	10.09	12.5	11.8	71.69			
81	0	8.85	4.53	4.53	4.53	4.53	4.53	4.61	7.16	6.42	69.97			
82														
83	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT		
84	0													
85	0						#VALUE!						SYNERGY	137.54
86	4	-0.47	3.44	0.45	-21.26	-39.57	-17.24	-0.63	-2.55	9.51	-10.71		95% confidence interval	270 - 5
87	2	-3.56	1.58	35.09	-1.21	-0.88	1.79	10.84	11.95	30.29	-0.28			
88	1	-3.65	-5.99	0.02	-5.1	-10.23	-12.75	-2.3	-1.39	2.92	-12.39			
89	0.5	-3.68	-6.2	-3.33	-2.39	-10.82	-9.11	-4.39	-9.64	-2.21	-8.26		ANTAGONISM	-258.66
90	0.25	-4.08	-0.5	-4.62	-4.18	-6.46	-6.74	-5.27	14.44	15.22	-14.82		95% confidence interval	-19 - -499
91	0		-4.53	-4.53	-4.53	-4.53	-4.53	-4.53	-4.4	-4.44	-1.43			
92														
93	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	-
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	5.14
97	2	0	0	0	0	0	0	0	0	5.1432	0		log volume	#VALUE!
98	1	0	-2.4032	0	0	0	-4.6552	0	0	0	0			
99	0.5	0	0	0	0	-9.056	0	0	0	0	0		ANTAGONISM	-18.62
100	0.25	-1.826	0	0	0	0	0	-0.6836	0	0	0		log volume	#VALUE!
101	0	0	0	0	0	0	0	0	0	-1.9116	0			
102														
103	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	68%
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
107	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
108	1	0	-1.2869	0	0	0	-2.1359	0	0	0	0			
109	0.5	0	0	0	0	-8.507	0	0	0	0	0		ANTAGONISM	-13.05
110	0.25	-1.1245	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
111	0	0	0	0	0	0	0	0	0	-1.1247	0			
112														
113	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
117	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	-7.8581	0	0	0	0	0	ANTAGONISM		-8.15
120	0.25	-0.29535	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	-0.19461	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: ETV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	0.9026	0.805	1.1012	0.9143	1.9099	0.9093	1.6577	1.5714	1.6703	3.3218	0.3626	2.3109	
6	2	0.7352	0.8225	0.7483	0.504	0.5186	0.5245	0.6276	0.8353	1.5004	1.543	0.3604	1.6955	<u>Average VC</u>
7	1	0.7906	0.7677	0.4519	0.4654	0.4186	0.5143	0.4724	0.5896	1.4848	1.7611	0.2961	1.662	0.343016667
8	0.5	0.5205	0.4915	0.3563	0.4616	0.4285	0.3752	0.3377	0.5026	0.5508	1.7138	0.3616	1.5887	
9	0.25	0.4044	0.4533	0.3718	0.4169	0.3936	0.3478	0.4107	0.3886	0.7245	1.391	0.4078	1.4948	<u>Average CC</u>
10	0	0.3593	0.3357	0.3438	0.2582	0.2765	0.3557	0.3128	0.3953	1.0537	1.8492	0.2696	1.067	1.636483333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.5421	1.5267	1.7829	1.5374	1.6761	1.4547	1.4298	1.263	1.6386	3.1777	0.2622	1.8737	
16	2	1.1933	0.9423	0.446	0.6384	0.5059	0.449	0.4609	1.4524	1.0747	1.6376	0.284	1.6522	<u>Average VC</u>
17	1	0.5692	0.4817	0.4429	0.5257	0.3775	0.5406	0.4646	0.6548	1.4807	1.6304	0.3465	1.6003	0.283883333
18	0.5	0.5758	0.5052	0.4229	0.4608	0.3509	0.3138	0.3436	1.2179	1.264	1.7765	0.3315	1.146	
19	0.25	0.4362	0.4004	0.4542	0.3707	0.422	0.357	0.388	0.4315	1.1216	1.7226	0.2393	0.9137	<u>Average CC</u>
20	0	0.3446	0.3081	0.3026	0.4286	0.291	0.2894	0.29	0.407	0.9383	1.8108	0.2398	1.5521	1.456166667
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	3.4405	1.6664	1.0179	1.4491	1.7599	1.4483	1.1097	1.6414	1.7605	2.9292	0.3216	2.1274	
26	2	1.1728	0.5904	0.7857	0.6285	0.5781	0.9724	1.0642	1.901	1.9031	1.5011	0.3539	2.103	<u>Average VC</u>
27	1	0.7823	0.4418	0.7912	0.4613	0.4402	0.4345	0.3995	0.5785	1.8476	1.6601	0.3064	2.1787	0.3543
28	0.5	0.6383	0.6352	0.3923	0.4142	0.3366	0.4279	0.3892	0.7874	1.138	1.4934	0.4362	0.9853	
29	0.25	0.4898	0.3547	0.3768	0.3463	0.333	0.455	0.3438	0.4948	0.5159	1.638	0.4039	1.1386	<u>Average CC</u>
30	0	0.3591	0.6458	0.2982	0.3142	0.2518	0.3565	0.2458	0.4137	1.1379	1.6034	0.3039	0.512	1.5075
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	85.17	81.34	82.01	100	79.51	88.3	96.7	100	100			
57	2	59.62	37.9	27.52	22.15	17.31	27.24	32.89	50.62	97.08	100			
58	1	32.02	18.84	19.96	13.12	7.09	14.03	9.78	23.38	100	100			
59	0.5	21.08	18.24	5.39	9.82	3.6	3.81	2.57	43.19	55.69	100			
60	0.25	9.83	6.17	6.24	4.14	4.62	5.11	4.4	9.43	38.32	100			
61	0	2.28	8.93	0	0.77	0	0.55	0	6.67	59.67	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	115.57	43	40.3	33.32	1.56	31.04	19.84	14.12	9.85	12.1			
67	2	25.59	17.86	12.24	9.01	3.24	22.83	25.07	48.67	34.06	11.67			
68	1	6.77	12.35	15.74	6.5	1.11	7.5	5.75	7.15	20.98	2.68			
69	0.5	6.38	6.46	5.71	4.98	4.47	2.23	2.78	34.02	35.02	14.85			
70	0.25	4.45	5.36	7.18	4.27	6.84	4.29	4.95	5.12	29.72	21.55			
71	0	2.54	14.22	3.38	10.14	4.78	0.4	5.11	3.45	7.27	11.09			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	60.54	63.23	59.62	59.93	59.62	59.84	59.62	62.27	83.67	100			
78	1	33.57	38.09	32.02	32.64	32.02	32.39	32.02	36.49	72.52	100			
79	0.5	22.88	28.13	21.08	21.69	21.08	21.51	21.08	26.27	68.09	100			
80	0.25	11.89	17.88	9.83	10.52	9.83	10.33	9.83	16.75	63.54	100			
81	0	4.51	11.01	2.28	3.03	2.28	2.82	2.28	8.7	60.49	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	0	-14.83	-18.66	-17.99	0	-20.49	-11.7	-3.3	0	0			
87	2	-0.92	-25.33	-32.1	-37.78	-42.31	-32.6	-26.73	28.35	13.41	0			
88	1	-1.55	-19.25	-12.06	-19.42	-24.93	-18.36	-22.24	-13.11	27.48	0			
89	0.5	-1.8	-9.89	-15.69	-11.87	-17.48	-17.7	-18.51	16.92	-12.5	0			
90	0.25	-2.06	-11.71	-3.69	-6.38	-5.21	-5.22	-5.43	-6.32	-25.22	0			
91	0		-2.08	-2.28	-2.26	-2.28	-2.27	-2.28	-2.13	-0.92	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0			
97	2	0	0	-8.1096	-20.1204	-35.9596	0	0	0	0	0			
98	1	0	0	0	-6.68	-22.7544	-3.66	-10.97	0	0	0			
99	0.5	0	0	-4.4984	-2.1092	-8.7188	-13.3292	-13.0612	0	0	0			
100	0.25	0	-1.2044	0	0	0	0	0	0	0	0			
101	0	0	0	0	0	0	-1.486	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0			
107	2	0	0	-0.6432	-14.6243	-33.9832	0	0	0	0	0			
108	1	0	0	0	-2.715	-22.0773	0	-7.4625	0	0	0			
109	0.5	0	0	-1.0153	0	-5.9921	-11.9689	-11.3654	0	0	0			
110	0.25	0	0	0	0	0	0	0	0	0	0			
111	0	0	0	0	0	0	-1.242	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0			
117	2	0	0	0	-8.12809	-31.6472	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	-21.277	0	-3.31675	0	0	0			
119	0.5	0	0	0	0	-2.76923	-10.3611	-9.36102	0	0	0	ANTAGONISM		-86.86
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	-0.9536	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/ml.)				MacSynergy™ II					Horizontal Drug: ETV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.6038	1.5944	1.6811	1.6131	1.5646	1.5988	1.6044	1.7487	1.3751	1.6961	0.2477	1.3094	
6	2	0.5445	0.5605	0.886	1.2237	1.023	1.3566	1.5192	1.2594	1.6696	1.6825	0.3074	1.0962	<u>Average VC</u>
7	1	0.3558	0.3985	0.4667	0.3555	0.4098	0.4997	0.4527	0.7052	1.6466	2.0811	0.245	1.433	0.268733333
8	0.5	0.5022	0.4426	0.3813	0.4706	0.3717	0.4183	0.5928	0.7185	1.6184	2.1369	0.2007	1.415	
9	0.25	0.4215	0.4105	0.4071	0.3453	0.2623	0.3631	0.4119	1.0367	1.644	1.8437	0.3576	1.4266	<u>Average CC</u>
10	0	0.259	0.272	0.3234	0.2657	0.577	0.482	0.2623	0.3164	1.7664	1.9278	0.254	1.2643	1.324083333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														REPLICATE 2
13														<i>enter data</i>
14														
15	4	1.3719	1.6905	1.6693	1.4539	1.1564	1.5692	1.3657	1.6698	1.2477	1.7052	0.2782	1.6818	
16	2	0.9915	1.0739	0.6257	0.7364	0.9881	0.9654	2.3227	1.6147	1.5906	1.4229	0.2548	1.6104	<u>Average VC</u>
17	1	0.4249	0.4788	0.4254	0.4302	0.5986	0.7834	0.5757	1.2557	2.4056	2.0153	0.2256	1.5741	0.264533333
18	0.5	0.3314	0.6041	0.466	0.4402	0.4678	0.333	0.5814	0.6475	1.5603	2.3192	0.2398	1.0653	
19	0.25	0.2808	0.35	0.3391	0.3704	0.2852	0.3818	0.2696	0.5762	1.7684	1.8129	0.2338	1.6255	<u>Average CC</u>
20	0	0.2303	0.2901	0.2159	0.2542	0.2321	0.3937	0.2727	0.2801	1.7693	1.9552	0.365	1.584	1.523516667
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														REPLICATE 3
23														<i>enter data</i>
24														
25	4	1.2906	0.6393	1.5877	1.68	1.4948	1.5925	1.5281	1.6819	1.5552	1.7372	0.2047	1.8439	
26	2	1.137	0.9086	0.6824	1.3659	1.5634	1.5361	0.6563	1.7248	1.445	1.2601	0.2477	1.8082	<u>Average VC</u>
27	1	0.4915	0.4528	0.4177	0.6407	0.4584	0.3457	0.5423	1.8121	1.474	1.8671	0.2399	1.7556	0.245483333
28	0.5	0.6236	0.3986	0.7047	0.9453	0.3793	0.3989	0.4191	0.7771	0.8044	1.5948	0.2618	1.7937	
29	0.25	0.3607	0.3912	0.3673	0.3044	0.3281	0.4	0.3853	0.407	1.7587	1.8106	0.3129	1.7353	<u>Average CC</u>
30	0	0.2187	0.3331	0.3369	0.2582	0.2232	0.2752	0.2586	0.6994	0.8278	1.9759	0.2059	1.6224	1.75985
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														REPLICATE 4
33	0													<i>enter data</i>
34	0													
35	4													<u>Average VC</u>
36	2													0
37	1													
38	0.5													<u>Average CC</u>
39	0.25													0
40	0													
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														REPLICATE 5
43	0													<i>enter data</i>
44	0													
45	4													<u>Average VC</u>
46	2													0
47	1													
48	0.5													<u>Average CC</u>
49	0.25													0
50	0													
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	94.49	88.29	100	100	92.04	100	99.57	100	89.8	100			
57	2	47.58	45.24	38.68	67.32	71.99	81.33	100	99.6	100	97.66			
58	1	12.41	14.34	14.3	15.83	17.99	23.24	20.58	74.54	100	100			
59	0.5	17.47	17.85	19	26.43	11.58	9.91	22.45	36.05	86.08	100			
60	0.25	7.79	9.95	9.03	6.52	2.16	9.49	7.73	36.06	100	100			
61	0	0	2.71	2.45	0	8.39	10.81	0.3	11.91	99.96	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	29.3	54.3	22.6	18.93	27.26	18.67	23.41	22.95	13.68	18.43			
67	2	18.59	18.36	17.16	27.13	14.78	23.95	69.48	6.89	26.77	33.84			
68	1	4.01	2.43	3.92	9.23	7.41	17.34	3.74	31.21	44.56	32.33			
69	0.5	10.62	8.51	10.17	17.33	3.98	4.37	9.91	6.15	43.28	47.28			
70	0.25	6.59	3.33	3.69	2.35	3.07	0.65	6.71	32.56	15.4	23.02			
71	0	0.9	2.8	5.48	0.85	18.04	9.14	0.8	15.73	54.43	21.49			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0													
76	4	94.49	94.64	94.62	94.49	94.95	95.09	94.51	95.15	100	100			
77	2	47.58	49	48.86	47.58	51.98	53.25	47.74	53.82	99.98	100			
78	1	12.41	14.78	14.56	12.41	19.76	21.88	12.67	22.84	99.96	100			
79	0.5	17.47	19.71	19.49	17.47	24.39	26.39	17.72	27.3	99.97	100			
80	0.25	7.79	10.29	10.05	7.79	15.53	17.76	8.07	18.77	99.96	100			
81	0	0	2.71	2.45	0	8.39	10.81	0.3	11.91	99.96	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0													
86	4	0	-5.35	5.38	5.51	-2.91	4.91	5.06	4.85	-10.2	0	SYNERGY	295.8	
87	2	0	-3.76	-10.18	19.74	20.01	28.08	52.26	45.78	0.02	-2.34	95% confidence interval	559 - 33	
88	1	0	-0.44	-0.26	3.42	-1.77	1.36	7.91	51.7	0.04	0			
89	0.5	0	-1.86	-0.49	8.96	-12.81	-16.48	4.73	8.75	-13.89	0	ANTAGONISM	-108.35	
90	0.25	0	-0.34	-1.02	-1.27	-13.37	-8.27	-0.34	17.29	0.04	0	95% confidence interval	-27 - -189	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0													
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	32.86	
97	2	0	0	0	0	0	0	0	32.2756	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0.5796	0	0	0			
99	0.5	0	0	0	0	-5.0092	-7.9148	0	0	0	0	ANTAGONISM	-27.27	
100	0.25	0	0	0	0	-7.3528	-6.996	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0													
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	28.07	
107	2	0	0	0	0	0	0	0	28.0727	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	-2.5814	-5.2491	0	0	0	0	ANTAGONISM	-19.91	
110	0.25	0	0	0	0	-5.4801	-6.5995	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0													
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	23.11	
117	2	0	0	0	0	0	0	0	23.105	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	1.40065	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/mL)				MacSynergy™ II				Horizontal Drug: T20 (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7141	0.5804	1.0278	1.5033	1.6676	0.3032	1.6818	1.7572	1.8462	1.7066	0.3925	1.7094	
6	2	1.0643	0.5012	1.0145	0.348	0.5115	1.0822	0.8569	0.9768	1.6325	2.1306	0.2537	1.5029	<u>Average VC</u>
7	1	0.3744	0.3658	0.6439	0.6115	0.3233	0.7422	0.348	0.5895	1.6111	1.8615	0.3074	1.2524	0.281716667
8	0.5	0.5558	0.4394	0.4507	0.2842	0.5185	0.2237	0.3581	0.3365	1.436	1.4109	0.2414	1.8664	
9	0.25	0.4335	0.56	0.4887	0.4419	0.3202	0.2153	0.3911	0.3002	0.2765	1.8169	0.2279	1.7219	<u>Average CC</u>
10	0	0.2319	0.2933	0.268	0.1918	0.2561	0.1993	0.2955	0.6388	0.5366	1.5716	0.2674	1.8132	1.644366667
11	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	0.6133	0.6154	0.761	1.5174	1.5354	1.6835	1.7267	1.8469	2.0645	1.3645	0.2213	1.6715	
16	2	1.2389	1.0384	0.4701	0.7406	0.6941	1.0684	1.1405	1.6417	1.6787	1.7249	0.1972	1.6047	<u>Average VC</u>
17	1	0.346	0.4568	0.42	0.3296	0.263	0.3805	0.4349	1.7341	1.6973	1.6162	0.2384	1.6449	0.199533333
18	0.5	0.3388	0.4096	0.3252	0.5096	0.5105	0.5729	0.431	0.345	0.7932	1.8427	0.1793	1.7277	
19	0.25	0.245	0.7761	0.3478	0.5956	0.2474	0.3068	0.3504	0.377	0.3897	1.891	0.1719	1.5981	<u>Average CC</u>
20	0	0.203	0.3261	0.2979	0.2666	0.2099	0.3665	0.2436	0.3726	0.4337	1.4394	0.1891	1.5681	1.635833333
21	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.6911	1.9242	1.7187	1.5413	1.5127	1.6496	1.6291	1.7831	1.7684	1.6921	0.3702	1.8662	
26	2	0.7617	1.2216	0.4959	0.4741	1.3363	0.3878	1.4339	1.2695	1.732	1.804	0.2757	1.7492	<u>Average VC</u>
27	1	0.3213	0.365	0.5116	1.2724	0.3415	0.3197	0.3447	1.6088	0.4625	1.8084	0.2849	1.7296	0.274316667
28	0.5	0.3492	0.3015	0.4032	0.2427	0.2865	0.2835	0.3039	0.2871	1.6889	1.7079	0.2259	1.6874	
29	0.25	0.2867	0.3522	0.4466	0.2739	0.2839	0.2724	0.2848	0.3698	1.336	2.0177	0.2571	1.707	<u>Average CC</u>
30	0	0.4481	0.2867	0.2992	0.2244	0.2842	0.263	0.2589	0.309	0.7057	1.5014	0.2321	1.7387	1.74635
31	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	76.72	54.32	63.99	89.16	92.95	66.11	100	100	100	94			
57	2	54.3	46.29	29.22	18.7	41.15	42.32	62.17	73.01	100	100			
58	1	6.73	10.08	19.35	33.69	4.01	16.49	8.68	73.36	71.54	100			
59	0.5	11.63	9.35	9.97	6.54	13.28	7.45	7.91	5.01	74.05	98.22			
60	0.25	5.05	21.95	12.41	13.1	2.27	0.87	6.41	6.73	28.33	100			
61	0	2.8	3.5	2.51	0	0	1.6	1.01	13.54	21.44	88.11			
62														
63	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	41.73	50.15	30.58	2.87	8.79	56.1	7.44	6.1	14.18	11.9			
67	2	19.81	26.31	21.35	16.99	28.25	29.98	18.51	25.14	2.26	17.72			
68	1	3.5	6.78	6.27	30.5	0.83	15.72	6.68	44.71	51	8.77			
69	0.5	7.7	6.67	2.11	13.08	11	16.24	7.33	4.71	28.9	15.78			
70	0.25	5.4	17.48	2.51	13.85	1.42	6.3	5.09	5.5	38.54	3.16			
71	0	8.04	4.6	3.99	5.81	1.49	9.07	2.06	11.99	6.92	5.86			
72														
73	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	77.37	77.53	77.3	76.72	76.72	77.09	76.96	79.87	81.71	97.23			
77	2	55.58	55.9	55.45	54.3	54.3	55.03	54.76	60.49	64.1	94.57			
78	1	9.34	9.99	9.07	6.73	6.73	8.22	7.67	19.36	26.73	88.91			
79	0.5	14.1	14.72	13.85	11.63	11.63	13.04	12.52	23.6	30.58	89.49			
80	0.25	7.71	8.37	7.43	5.05	5.05	6.57	6.01	17.91	25.41	88.71			
81	0	5.52	6.2	5.24	2.8	2.8	4.35	3.78	15.96	23.54	88.44			
82														
83	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.65	-23.21	-13.31	12.44	16.23	-10.98	23.04	20.13	18.29	-3.23	95% confidence interval	402.97	746 - 60
87	2	-1.28	-9.61	-26.23	-35.6	-13.15	-12.71	7.41	12.52	35.9	5.43			
88	1	-2.61	0.09	10.28	26.96	-2.72	8.27	1.01	54	44.81	11.09			
89	0.5	-2.47	-5.37	-3.88	-5.09	1.65	-5.59	-4.61	-18.59	43.47	8.73	95% confidence interval	-223.21	-13 - -433
90	0.25	-2.66	13.58	4.98	8.05	-2.78	-5.7	0.4	-11.18	2.92	11.29			
91	0		-2.7	-2.73	-2.8	-2.8	-2.76	-2.77	-2.42	-2.2	-0.33			
92														
93	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	6.8148	0	0	8.4576	8.174	0	0	95% confidence interval	60.07	
97	2	0	0	0	-2.2995	0	0	0	0	31.4704	0		#VALUE!	
98	1	0	0	0	0	-1.0932	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	0	-9.3584	0	0	95% confidence interval	-13.15	
100	0.25	0	0	0.0804	0	0	0	0	-0.4	0	5.0954		#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.		
105	0						#VALUE!							
106	4	0	0	0	5.0641	0	0	3.9192	4.453	0	0	95% confidence interval	46.7	
107	2	0	0	0	0	0	0	0	0	30.0918	0		#VALUE!	
108	1	0	0	0	0	-0.5869	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	-6.4853	0	0	95% confidence interval	-7.07	
110	0.25	0	0	0	0	0	0	0	0	0	3.1688		#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.		
115	0						#VALUE!							
116	4	0	0	0	2.99483	0	0	0	0.0549	0	0	95% confidence interval	32.4	
117	2	0	0	0	0	0	0	0	0	28.4623	0		#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	7	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	-3.08938	0	0	ANTAGONISM		-3.09
120	0.25	0	0	0	0	0	0	0	0	0	0.89044	<i>log volume</i>		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: T20 (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7175	1.7344	1.9131	1.9885	1.8496	1.8321	1.8334	0.5927	1.8663	1.7228	0.2827	1.412	
6	2	0.5231	0.6007	0.6685	1.9025	1.0682	1.4776	0.8541	1.9265	1.8848	1.4191	0.234	1.4601	<u>Average VC</u>
7	1	0.5061	0.6129	0.8943	1.714	0.5263	1.3301	0.3657	1.7553	1.8351	1.259	0.2903	1.9108	0.2852
8	0.5	0.2669	0.3975	0.4322	0.3615	0.3644	0.33	0.394	0.7321	1.8448	1.4049	0.2755	1.5897	
9	0.25	0.2628	0.8234	0.2991	0.7644	0.2877	0.4735	0.5122	1.0873	0.4901	0.8817	0.2846	1.9692	<u>Average CC</u>
10	0	0.2814	0.4247	0.2619	0.2555	0.5328	0.2641	0.2339	0.3058	0.4617	1.3271	0.3441	2.0149	1.726116667
11	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.9181	2.0037	2.0798	1.954	1.9539	1.7868	1.7884	1.9318	1.856	1.8429	0.268	1.9434	
16	2	0.3961	1.4099	0.8198	2.0466	0.8695	1.464	1.9102	1.655	1.7424	1.4421	0.2302	1.9014	<u>Average VC</u>
17	1	0.4242	0.4373	0.5237	0.7456	0.3198	1.4144	1.4437	1.6128	1.4753	1.3063	0.2405	1.8893	0.242183333
18	0.5	0.3887	0.4211	0.4034	0.3756	0.3815	0.3306	0.435	0.5434	0.9008	1.4297	0.2317	2.1583	
19	0.25	0.3363	0.3313	0.3823	0.2941	0.3497	0.2615	0.3673	0.6249	1.7128	1.0486	0.2651	1.9385	<u>Average CC</u>
20	0	0.4318	0.228	0.262	0.2706	0.2245	0.2623	0.3838	1.6335	0.2414	1.474	0.2276	1.8947	1.954266667
21	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.3655	1.1648	2.0396	1.9462	1.8973	1.8376	1.8936	0.742	1.7648	1.8558	0.3332	1.9504	
26	2	0.6501	0.606	0.6218	0.9014	0.8386	0.8641	1.8099	1.8287	1.5493	1.4178	0.3112	1.6818	<u>Average VC</u>
27	1	0.3136	0.3776	0.6903	0.6555	0.4711	0.5262	0.9201	1.6896	0.8434	1.4185	0.3301	2.0275	0.338683333
28	0.5	0.3378	0.352	0.8952	0.3563	0.673	0.3514	0.6363	0.3393	1.3282	1.5857	0.3883	2.487	
29	0.25	0.4931	0.3869	0.3607	0.3667	0.2618	0.3654	0.5015	0.2606	0.507	0.8387	0.4361	2.0621	<u>Average CC</u>
30	0	0.3328	0.2723	0.2644	0.2401	0.2485	0.322	0.4471	0.2691	0.2265	1.4307	0.2332	2.159	2.0613
31	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	85.63	83.81	100	100	99.68	94.86	96.01	47.81	96.59	93.78			
57	2	14.53	35.21	25.59	83.43	40	61.54	74.1	94.31	89.64	70.47			
58	1	8.17	12.13	26.38	48.98	9.65	50.62	36.51	86.83	69.63	64.14			
59	0.5	2.87	6.34	17.31	4.7	11.01	3	12.03	16.21	68.05	73.15			
60	0.25	4.3	15.12	3.48	12.64	0.66	5.25	10.84	24.5	36.63	39.18			
61	0	3.49	1.67	0	0	3.64	0	3.67	26.22	1.9	69.22			
62														
63	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	22.55	31.07	7.17	12.89	9.05	10.94	9.91	44.07	13.52	5.85			
67	2	4.86	28.75	8.7	44.1	12.99	27.48	30.68	17.09	20.44	8.03			
68	1	8.66	10.26	13.91	43.8	6.33	34.47	32.38	13.18	39.19	2.99			
69	0.5	4.92	5	12.99	3.42	7.39	2.21	4.91	15.54	36.07	4.23			
70	0.25	5.36	19.29	4.08	17.87	5.39	6.77	4.39	30.16	42.72	9.24			
71	0	6.57	7.1	2.73	3.69	11.92	1.07	6.34	47.75	9.53	6.05			
72														
73	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	86.13	85.87	85.63	85.63	86.15	85.63	86.16	89.4	85.9	95.58			
77	2	17.51	15.96	14.53	14.53	17.64	14.53	17.67	36.94	16.15	73.69			
78	1	11.37	9.7	8.17	8.17	11.51	8.17	11.54	32.25	9.91	71.73			
79	0.5	6.26	4.49	2.87	2.87	6.41	2.87	6.43	28.34	4.72	70.1			
80	0.25	7.64	5.9	4.3	4.3	7.78	4.3	7.81	29.39	6.12	70.54			
81	0	6.86	5.1	3.49	3.49	7	3.49	7.03	28.78	5.32	70.29			
82														
83	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.5	-2.06	14.37	14.37	13.53	9.23	9.85	-41.59	9.69	-1.8			
87	2	-2.98	19.25	11.06	68.9	22.36	47.01	56.43	57.37	73.49	-3.22			
88	1	-3.2	2.43	18.21	40.81	-1.86	42.45	24.97	54.58	69.72	-7.59			
89	0.5	-3.39	1.85	14.44	1.83	4.6	0.13	5.6	-12.13	63.33	3.05			
90	0.25	-3.34	9.22	-0.82	8.34	-7.12	0.95	3.03	-4.89	30.51	-31.36			
91	0		-3.43	-3.49	-3.49	-3.36	-3.49	-3.36	-2.57	-3.42	-1.07			
92														
93	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	0	0.3168	0	0	0	0	0	0	0			
97	2	0	0	0	0	0	0	0	23.8736	33.4276	0			
98	1	0	0	0	0	0	0	0	28.7472	0	-1.7296			
99	0.5	0	0	0	0	0	0	0	0	0	0			
100	0.25	0	0	0	0	0	0	0	0	0	-13.2496			
101	0	0	0	0	0	0	-1.3928	0	0	0	0			
102														
103	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0			
107	2	0	0	0	0	0	0	0	13.4487	20.9592	0			
108	1	0	0	0	0	0	0	0	20.7074	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0			
110	0.25	0	0	0	0	0	0	0	0	0	-7.6132			
111	0	0	0	0	0	0	-0.7401	0	0	0	0			
112														
113	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0			
117	2	0	0	0	0	0	0	0	1.12681	6.22196	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	11.2046	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-0.95
120	0.25	0	0	0	0	0	0	0	0	0	-0.95116	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DLV (ng/mL)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4154	1.1129	1.9486	1.8404	1.0058	1.7161	1.4491	1.6324	1.5818	1.4604	0.2416	1.4479	
6	2	0.4613	1.558	0.802	0.7668	1.7518	1.582	0.8002	1.4707	1.6837	1.542	0.3056	1.4668	<u>Average VC</u>
7	1	0.3713	0.619	0.5622	0.5363	0.4064	0.4455	0.5195	0.4491	0.7503	1.416	0.2202	1.5587	0.305516667
8	0.5	0.3759	0.4084	0.3976	0.4879	0.2999	0.6982	0.2908	0.8849	0.7412	1.3564	0.5067	2.1831	
9	0.25	0.3584	0.4629	0.3817	0.28	0.3928	0.2737	0.4407	0.9001	1.667	1.4347	0.3042	1.9873	<u>Average CC</u>
10	0	0.2618	0.325	0.2858	0.9492	0.2917	0.5252	0.6893	0.3714	0.9976	1.2868	0.2548	2.0633	1.784516667
11	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.4759	1.8207	1.9406	1.8285	1.8162	1.6385	1.7158	1.6362	1.405	1.745	0.3186	1.9351	
16	2	1.4261	0.6873	2.0472	0.9091	1.4811	1.2593	0.4615	1.136	1.7803	1.3742	0.2452	1.886	<u>Average VC</u>
17	1	0.3689	0.4906	0.9846	0.6244	0.3976	0.8139	0.3953	0.4692	1.5215	1.3648	0.2489	1.9678	0.262983333
18	0.5	0.3931	1.0733	1.1246	0.5368	0.4687	0.3221	0.3579	0.4512	0.7911	1.3986	0.2486	2.2365	
19	0.25	0.3709	0.349	0.329	0.3032	0.3495	0.2469	0.4483	1.5916	0.6259	1.1961	0.2965	1.8966	<u>Average CC</u>
20	0	0.3513	0.4077	0.2912	0.2804	0.3342	0.2633	0.2807	0.3176	0.7512	1.3411	0.2201	1.9783	1.983383333
21	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4849	2.1042	1.9868	1.7513	1.7421	1.7382	1.7157	1.6774	1.6466	1.6368	0.2362	2.1826	
26	2	1.2655	0.8829	0.9229	0.4092	1.4086	0.4431	0.5448	1.6929	1.5425	1.5955	0.3144	2.0505	<u>Average VC</u>
27	1	0.3738	0.7375	0.5251	0.3858	0.3806	1.2779	0.6257	1.6907	1.2402	0.706	0.2729	2.0926	0.2909
28	0.5	0.5135	0.4674	0.416	0.4693	0.3462	0.9068	0.3006	1.1993	0.9874	1.4313	0.2546	2.2286	
29	0.25	0.2891	0.4289	0.3939	0.3475	0.331	0.3589	0.4492	0.4905	0.9003	1.2066	0.4233	2.0659	<u>Average CC</u>
30	0	0.2329	0.2903	0.33	0.2336	0.2705	0.4076	0.3593	0.3786	0.8598	1.3177	0.244	2.3802	2.166733333
31	0	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	69.73	80.6	98.67	90.88	71.66	84.16	79.24	81.15	74.98	78.66			
57	2	43.37	46.97	56.99	25.02	76.06	50.78	19.51	68.09	82.7	72.58			
58	1	5.01	19.41	23.93	13.89	6.48	31.37	13.34	32.11	61.28	53.75			
59	0.5	8.06	21.16	20.99	12.59	4.84	20.94	1.68	32.85	32.43	65.95			
60	0.25	3.25	7.67	4.83	1.21	4.36	0.18	9.45	42.69	48.55	59.8			
61	0	0	3.23	0.8	13.83	0.71	7.03	10.21	4.1	35.17	61.25			
62														
63	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	5.73	22.73	10.51	12.96	22.03	9.81	4.56	7.98	10.23	7.21			
67	2	29.49	32.84	40.46	16.51	19.64	39.58	12.11	15.16	14.06	9.86			
68	1	0.99	5.51	15.79	8.11	1.55	21.58	5.17	36.84	21.55	27.94			
69	0.5	3.58	22.5	25.19	3.21	6.38	15.48	3.41	19.53	4.12	5.13			
70	0.25	3.2	2.83	0.87	2.56	1.97	3.05	1.2	33.36	38.11	14.58			
71	0	4.71	4.54	1.86	25.8	2.97	7.45	13.69	0.81	10.12	5.93			
72														
73	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	ADDITIVE INHIBITION		
74	0													
75	0													
76	4	69.73	70.71	69.97	73.92	69.94	71.86	72.82	70.97	80.38	88.27			
77	2	43.37	45.2	43.82	51.2	43.77	47.35	49.15	45.69	63.29	78.06			
78	1	5.01	8.08	5.77	18.15	5.68	11.69	14.71	8.9	38.42	63.19			
79	0.5	8.06	11.03	8.8	20.78	8.71	14.52	17.45	11.83	40.4	64.37			
80	0.25	3.25	6.38	4.02	16.63	3.94	10.05	13.13	7.22	37.28	62.51			
81	0	0	3.23	0.8	13.83	0.71	7.03	10.21	4.1	35.17	61.25			
82														
83	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT		
84	0													
85	0													
86	4	0	9.89	29.7	15.96	1.72	12.3	6.42	10.18	-5.4	-9.61	SYNERGY	366.28	
87	2	0	1.77	13.17	-26.18	32.29	3.43	-29.64	22.4	19.41	-5.48	95% confidence interval	723 - 10	
88	1	0	11.33	18.16	-4.26	0.8	19.68	-1.37	23.21	12.86	-9.44			
89	0.5	0	10.13	12.19	-8.19	-3.87	6.42	-15.77	21.02	-7.97	1.58	ANTAGONISM	-158.86	
90	0.25	0	1.29	0.81	-15.42	0.42	-9.87	-3.68	35.47	11.27	-2.71	95% confidence interval	-33 - -285	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (95%) Bonferroni Adj.		
94	0													
95	0													
96	4	0	0	9.1004	0	0	0	0	0	0	0	SYNERGY	9.63	
97	2	0	0	0	0	0	0	-5.9044	0	0	0	log volume	#VALUE!	
98	1	0	0.5304	0	0	0	0	0	0	0	0			
99	0.5	0	0	0	-1.8984	0	0	-9.0864	0	0	0	ANTAGONISM	-32.51	
100	0.25	0	0	0	-10.4024	0	-3.892	-1.328	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (99%) Bonferroni Adj.		
104	0													
105	0													
106	4	0	0	2.6893	0	0	0	0	0	0	0	SYNERGY	2.69	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	-7.0063	0	0	0	ANTAGONISM	-18.47	
110	0.25	0	0	0	-8.8408	0	-2.0315	-0.596	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.7813	1.563	3.125	6.25	12.5	25	50	100	200	SYNERGY PLOT (99.9%) Bonferroni Adj.		
114	0													
115	0													
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	-4.54769	0	0	0	ANTAGONISM		-11.54
120	0.25	0	0	0	-6.99504	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DLV (ng/mL)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7406	1.7267	1.8528	0.8018	1.6205	1.5162	1.6099	1.6656	1.7754	1.4759	0.4833	1.8166	
6	2	0.7749	0.6025	1.4628	0.7318	0.8207	0.8008	0.7562	1.0435	0.9494	1.5097	0.3485	1.788	Average VC
7	1	0.5573	0.5362	0.5172	0.6946	0.4564	0.4126	0.6185	0.554	0.6346	1.2905	0.3765	1.8262	0.38645
8	0.5	0.5442	0.6511	0.6326	0.6513	0.5048	0.4701	0.4616	0.462	0.5726	1.3923	0.3906	1.6394	
9	0.25	0.5012	0.5594	0.375	0.4071	0.39	0.3462	0.4633	1.222	0.5582	1.1653	0.3737	1.6239	Average CC
10	0	0.4294	0.2826	0.4197	0.3052	0.2896	0.2247	0.3506	0.3274	0.4248	1.3751	0.3461	1.6409	1.705833333
11	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.6183	1.9652	1.1294	1.6018	0.8097	1.3868	1.6996	1.6495	1.7875	1.62	0.3351	1.8764	
16	2	0.5495	0.6015	1.0754	0.5234	0.4707	0.5518	1.0356	0.8751	1.2388	1.4871	0.3731	1.7401	Average VC
17	1	0.6851	0.5212	0.6357	0.4653	0.4257	0.4613	0.6101	0.7663	0.7142	1.2554	0.2847	1.759	0.330066667
18	0.5	0.6515	0.4539	0.5564	0.5886	0.4342	0.4272	0.5779	0.6185	0.6794	1.339	0.2764	1.6088	
19	0.25	0.4748	0.4469	0.4543	0.4298	0.3712	0.3807	0.4174	0.4554	1.0484	1.2606	0.4384	1.7125	Average CC
20	0	0.4216	0.2966	0.3266	0.2715	0.3262	0.4129	0.3678	0.3885	0.364	1.2463	0.2727	1.4544	1.6752
21	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4448	1.2206	1.8978	1.5784	0.6759	1.1726	1.4803	1.3911	1.6605	1.5844	0.3685	2.1251	
26	2	0.6388	0.8535	0.855	0.6614	0.633	0.6871	0.6057	0.6027	1.119	1.1837	0.375	1.8678	Average VC
27	1	0.6407	0.5758	0.7453	0.4956	0.5825	0.4756	0.551	0.5895	0.727	1.1151	0.3695	1.8666	0.346666667
28	0.5	0.6659	0.4794	0.5163	0.5012	0.4589	0.5873	0.6463	0.456	0.572	1.0816	0.3306	2.1342	
29	0.25	0.5113	0.4516	0.4728	0.4791	0.4607	0.4883	0.38	0.4738	0.5741	1.0053	0.3178	1.7281	Average CC
30	0	0.4015	0.2983	0.2852	0.3313	0.3047	0.3479	0.3489	0.4775	0.3546	1.3195	0.3186	1.6767	1.89975
31	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	89.7	93.14	90.15	68.44	50.13	72.46	89.18	87.43	99.41	86.05			
57	2	21.48	23.06	56.57	20.27	20.6	23.27	32.38	35.6	53.32	75.02			
58	1	19.43	13.44	19.45	14.33	9.2	6.68	17.19	20.26	23.95	62.26			
59	0.5	18.8	12.6	15.47	16.41	7.98	9.69	14.47	11.4	18.2	66.19			
60	0.25	10.02	9.52	5.5	5.84	3.56	3.28	4.82	26.94	27.02	56.87			
61	0	4.53	0	0	0	0	0	0.08	2.76	1.98	68.54			
62														
63	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	16.81	33.45	27.2	32.91	38.28	17.06	14.74	17.49	12.92	8.64			
67	2	7	8.5	24.45	5.9	11.38	7.55	18.28	17.19	12.83	18.3			
68	1	6.74	1.83	8.4	7.82	5.26	4.13	3.85	10.64	4.9	11.07			
69	0.5	6.16	6.46	4.04	6.61	0.9	5.05	7.61	8.72	6.74	16.35			
70	0.25	1.16	3.26	5.54	3.74	3.56	6.1	2.34	31.52	22.86	13.51			
71	0	1.97	2.94	3.25	2.62	3.58	9.38	2.76	6.59	1.29	6.16			
72														
73	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	90.17	89.7	89.7	89.7	89.7	89.7	89.71	89.98	89.9	96.76			
77	2	25.04	21.48	21.48	21.48	21.48	21.48	21.54	23.65	23.03	75.3			
78	1	23.08	19.43	19.43	19.43	19.43	19.43	19.49	21.65	21.03	74.65			
79	0.5	22.48	18.8	18.8	18.8	18.8	18.8	18.86	21.04	20.41	74.45			
80	0.25	14.1	10.02	10.02	10.02	10.02	10.02	10.09	12.5	11.8	71.69			
81	0	8.85	4.53	4.53	4.53	4.53	4.53	4.61	7.16	6.42	69.97			
82														
83	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	137.54	
86	4	-0.47	3.44	0.45	-21.26	-39.57	-17.24	-0.53	-2.55	9.51	-10.71	95% confidence interval	270 - 5	
87	2	-3.56	1.58	35.09	-1.21	-0.88	1.79	10.84	11.95	30.29	-0.28			
88	1	-3.65	-5.99	0.02	-5.1	-10.23	-12.76	-2.3	-1.39	2.92	-12.39			
89	0.5	-3.68	-6.2	-3.33	-2.39	-10.82	-9.11	-4.39	-9.64	-2.21	-8.26	ANTAGONISM	-258.66	
90	0.25	-4.08	-0.5	-4.52	-4.18	-6.46	-6.74	-5.27	14.44	15.22	-14.82	95% confidence interval	-19 - -499	
91	0		-4.53	-4.53	-4.53	-4.53	-4.53	-4.53	-4.4	-4.44	-1.43			
92														
93	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	5.14	
97	2	0	0	0	0	0	0	0	0	5.1432	0	log volume	#VALUE!	
98	1	0	-2.4032	0	0	0	-4.6552	0	0	0	0			
99	0.5	0	0	0	0	-9.056	0	0	0	0	0	ANTAGONISM	-18.62	
100	0.25	-1.826	0	0	0	0	0	-0.6836	0	0	0	log volume	#VALUE!	
101	0		0	0	0	0	0	0	0	-1.9116	0			
102														
103	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	-1.2869	0	0	0	-2.1369	0	0	0	0			
109	0.5	0	0	0	0	-8.507	0	0	0	0	0	ANTAGONISM	-13.05	
110	0.25	-1.1245	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0		0	0	0	0	0	0	0	-1.1247	0			
112														
113	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	-7.8581	0	0	0	0	0	ANTAGONISM		-8.15
120	0.25	-0.29535	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	-0.19461	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/ml.)				MacSynergy™ II					Horizontal Drug: ETV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	0.9026	0.805	1.1012	0.9143	1.9009	0.9093	1.6577	1.5714	1.6703	3.3218	0.3626	2.3109	
6	2	0.7352	0.8225	0.7483	0.504	0.5186	0.5245	0.6276	0.8353	1.5004	1.543	0.3604	1.6955	<u>Average VC</u>
7	1	0.7906	0.7577	0.4519	0.4654	0.4186	0.5143	0.4724	0.5896	1.4848	1.7611	0.2961	1.662	0.343016667
8	0.5	0.5205	0.4915	0.3663	0.4616	0.4285	0.3752	0.3377	0.5026	0.5508	1.7138	0.3616	1.5887	
9	0.25	0.4044	0.4533	0.3718	0.4169	0.3936	0.3478	0.4107	0.3886	0.7245	1.391	0.4078	1.4948	<u>Average CC</u>
10	0	0.3593	0.3357	0.3438	0.2582	0.2765	0.3557	0.3128	0.3953	1.0537	1.8492	0.2696	1.067	1.636483333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.5421	1.5267	1.7829	1.5374	1.6761	1.4547	1.4298	1.263	1.6386	3.1777	0.2622	1.8737	
16	2	1.1933	0.9423	0.446	0.6384	0.5059	0.449	0.4609	1.4524	1.0747	1.6376	0.284	1.6522	<u>Average VC</u>
17	1	0.5692	0.4817	0.4429	0.5257	0.3775	0.5406	0.4646	0.6548	1.4807	1.6304	0.3465	1.6003	0.283883333
18	0.5	0.5758	0.5052	0.4229	0.4608	0.3509	0.3138	0.3436	1.2179	1.254	1.7765	0.3315	1.146	
19	0.25	0.4362	0.4004	0.4542	0.3707	0.422	0.357	0.388	0.4315	1.1216	1.7226	0.2393	0.9137	<u>Average CC</u>
20	0	0.3446	0.3081	0.3026	0.4286	0.291	0.2894	0.29	0.407	0.9383	1.8108	0.2398	1.5521	1.456166667
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	3.4405	1.6664	1.0179	1.4481	1.7599	1.4483	1.1097	1.6414	1.7605	2.9292	0.3215	2.1274	
26	2	1.1728	0.5904	0.7857	0.6285	0.5781	0.9724	1.0642	1.901	1.9031	1.5011	0.3539	2.103	<u>Average VC</u>
27	1	0.7823	0.4418	0.7912	0.4613	0.4402	0.4345	0.3995	0.5785	1.8476	1.6601	0.3064	2.1787	0.3543
28	0.5	0.6383	0.6352	0.3923	0.4142	0.3366	0.4279	0.3892	0.7874	1.138	1.4934	0.4362	0.9853	
29	0.25	0.4898	0.3547	0.3768	0.3463	0.333	0.455	0.3438	0.4948	0.5159	1.638	0.4039	1.1386	<u>Average CC</u>
30	0	0.3591	0.6458	0.2982	0.3142	0.2518	0.3555	0.2458	0.4137	1.1379	1.6034	0.3039	0.512	1.5075
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	85.17	81.34	82.01	100	79.51	88.3	96.7	100	100			
57	2	59.62	37.9	27.52	22.16	17.31	27.24	32.89	90.62	97.08	100			
58	1	32.02	18.84	19.96	13.12	7.09	14.03	9.78	23.38	100	100			
59	0.5	21.08	18.24	6.39	9.82	3.6	3.81	2.57	43.19	55.59	100			
60	0.25	9.83	6.17	6.24	4.14	4.62	5.11	4.4	9.43	38.32	100			
61	0	2.28	8.93	0	0.77	0	0.55	0	6.57	59.57	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	115.57	43	40.3	33.32	1.56	31.04	19.84	14.12	9.85	12.1			
67	2	26.59	17.86	12.24	9.01	3.24	22.83	25.07	48.67	34.06	11.67			
68	1	6.77	12.35	15.74	6.5	1.11	7.5	5.75	7.15	20.98	2.68			
69	0.5	5.38	6.46	5.71	4.98	4.47	2.23	2.78	34.02	35.02	14.85			
70	0.25	4.45	5.36	7.18	4.27	6.84	4.29	4.95	5.12	29.72	21.55			
71	0	2.54	14.22	3.38	10.14	4.78	0.4	5.11	3.45	7.27	11.09			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	60.54	63.23	59.62	59.93	59.62	59.84	59.62	62.27	83.67	100			
78	1	33.67	38.09	32.02	32.64	32.02	32.39	32.02	36.49	72.52	100			
79	0.5	22.88	28.13	21.08	21.69	21.08	21.51	21.08	26.27	68.09	100			
80	0.25	11.89	17.88	9.83	10.52	9.83	10.33	9.83	15.75	63.54	100			
81	0	4.51	11.01	2.28	3.03	2.28	2.82	2.28	8.7	60.49	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	0	-14.83	-18.66	-17.99	0	-20.49	-11.7	-3.3	0	0		SYNERGY	86.16
87	2	-0.92	-25.33	-32.1	-37.78	-42.31	-32.6	-26.73	28.35	13.41	0		95% confidence interval	- not significant
88	1	-1.55	-19.25	-12.06	-19.42	-24.93	-18.36	-22.24	-13.11	27.48	0			
89	0.5	-1.8	-9.89	-15.69	-11.87	-17.48	-17.7	-18.51	16.92	-12.5	0		ANTAGONISM	-592.24
90	0.25	-2.06	-11.71	-3.59	-6.38	-5.21	-5.22	-5.43	-6.32	-25.22	0		95% confidence interval	-151 - -1033
91	0		-2.08	-2.26	-2.26	-2.28	-2.27	-2.28	-2.13	-0.92	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	-
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
97	2	0	0	-8.1096	-20.1204	-35.9596	0	0	0	0	0		log volume	#VALUE!
98	1	0	0	0	-6.68	-22.7544	-3.66	-10.97	0	0	0			
99	0.5	0	0	-4.4964	-2.1092	-8.7188	-13.3292	-13.0612	0	0	0		ANTAGONISM	-151.18
100	0.25	0	-1.2044	0	0	0	0	0	0	0	0		log volume	#VALUE!
101	0		0	0	0	0	-1.486	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	68%
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
107	2	0	0	-0.6432	-14.6243	-33.9832	0	0	0	0	0		log volume	#VALUE!
108	1	0	0	0	-2.715	-22.0773	0	-7.4625	0	0	0			
109	0.5	0	0	-1.0153	0	-5.9921	-11.9689	-11.3654	0	0	0		ANTAGONISM	-111.85
110	0.25	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
111	0		0	0	0	0	-1.242	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
117	2	0	0	0	-8.12809	-31.6472	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	-21.277	0	-3.31676	0	0	0			
119	0.5	0	0	0	0	-2.76923	-10.3611	-9.36102	0	0	0	ANTAGONISM		-86.86
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	-0.9536	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:		Fullerene (ug/mL)			MacSynergy™ II				Horizontal Drug:			ETV (nM)	
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.6038	1.5944	1.6811	1.6131	1.5646	1.5988	1.6044	1.7487	1.3751	1.6961	0.2477	1.3094	
6	2	0.5445	0.5605	0.886	1.2237	1.023	1.3666	1.5192	1.2594	1.6696	1.6825	0.3074	1.0962	<u>Average VC</u>
7	1	0.3558	0.3985	0.4667	0.3555	0.4098	0.4997	0.4527	0.7062	1.6466	2.0811	0.245	1.433	0.268733333
8	0.5	0.5022	0.4426	0.3813	0.4706	0.3717	0.4183	0.5928	0.7185	1.5184	2.1369	0.2007	1.415	
9	0.25	0.4215	0.4105	0.4071	0.3453	0.2623	0.3631	0.4119	1.0367	1.644	1.8437	0.3576	1.4266	<u>Average CC</u>
10	0	0.269	0.272	0.3234	0.2657	0.577	0.482	0.2623	0.3164	1.7664	1.9278	0.254	1.2643	1.324083333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.3719	1.6905	1.6693	1.4539	1.1564	1.5692	1.3657	1.6699	1.2477	1.7052	0.2782	1.6818	
16	2	0.9915	1.0739	0.6257	0.7364	0.9881	0.9654	2.3227	1.6147	1.5906	1.4229	0.2548	1.6104	<u>Average VC</u>
17	1	0.4249	0.4788	0.4254	0.4302	0.5986	0.7834	0.5757	1.2557	2.4056	2.0153	0.2256	1.5741	0.264533333
18	0.5	0.3314	0.6041	0.466	0.4402	0.4678	0.333	0.5814	0.6475	1.5603	2.3192	0.2398	1.0653	
19	0.25	0.2808	0.35	0.3391	0.3704	0.2852	0.3818	0.2696	0.5762	1.7684	1.8129	0.2338	1.6255	<u>Average CC</u>
20	0	0.2303	0.2901	0.2169	0.2542	0.2321	0.3937	0.2727	0.2801	1.7693	1.9552	0.355	1.584	1.523516667
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.2906	0.6393	1.5877	1.68	1.4948	1.5925	1.5281	1.6819	1.5552	1.7372	0.2047	1.8439	
26	2	1.137	0.9086	0.6824	1.3659	1.5634	1.5361	0.6563	1.7248	1.445	1.2601	0.2477	1.8082	<u>Average VC</u>
27	1	0.4915	0.4528	0.4177	0.6407	0.4584	0.3457	0.5423	1.8121	1.474	1.8671	0.2399	1.7556	0.245483333
28	0.5	0.6236	0.3986	0.7047	0.9453	0.3793	0.3989	0.4191	0.7771	0.8044	1.5948	0.2618	1.7937	
29	0.25	0.3607	0.3912	0.3673	0.3044	0.3281	0.4	0.3853	0.407	1.7587	1.8106	0.3129	1.7353	<u>Average CC</u>
30	0	0.2187	0.3331	0.3369	0.2582	0.2232	0.2762	0.2586	0.6994	0.8278	1.9759	0.2059	1.6224	1.75985
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	94.49	88.29	100	100	92.04	100	99.57	100	89.8	100			
57	2	47.58	45.24	38.68	67.32	71.99	81.33	100	99.6	100	97.66			
58	1	12.41	14.34	14.3	15.83	17.99	23.24	20.58	74.54	100	100			
59	0.5	17.47	17.85	19	26.43	11.68	9.91	22.45	36.05	86.08	100			
60	0.25	7.79	9.95	9.03	6.52	2.16	9.49	7.73	36.06	100	100			
61	0	0	2.71	2.45	0	8.39	10.81	0.3	11.91	99.96	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	29.3	54.3	22.6	18.93	27.26	18.67	23.41	22.95	13.68	18.43			
67	2	18.59	18.36	17.16	27.13	14.78	23.95	69.48	6.89	26.77	33.84			
68	1	4.01	2.43	3.92	9.23	7.41	17.34	3.74	31.21	44.56	32.33			
69	0.5	10.62	8.51	10.17	17.33	3.98	4.37	9.91	6.15	43.28	47.28			
70	0.25	6.59	3.33	3.69	2.35	3.07	0.65	6.71	32.56	15.4	23.02			
71	0	0.9	2.8	5.48	0.85	18.04	9.14	0.8	15.73	54.43	21.49			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	94.49	94.64	94.62	94.49	94.95	95.09	94.51	95.15	100	100			
77	2	47.58	49	48.86	47.58	51.98	53.25	47.74	53.82	99.98	100			
78	1	12.41	14.78	14.56	12.41	19.76	21.88	12.67	22.84	99.96	100			
79	0.5	17.47	19.71	19.49	17.47	24.39	26.39	17.72	27.3	99.97	100			
80	0.25	7.79	10.29	10.05	7.79	15.53	17.76	8.07	18.77	99.96	100			
81	0	0	2.71	2.45	0	8.39	10.81	0.3	11.91	99.96	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	0	-6.35	5.38	5.51	-2.91	4.91	5.06	4.85	-10.2	0	SYNERGY	295.8	
87	2	0	-3.76	-10.18	19.74	20.01	28.08	52.26	45.78	0.02	-2.34	95% confidence interval	559 - 33	
88	1	0	-0.44	-0.26	3.42	-1.77	1.36	7.91	51.7	0.04	0			
89	0.5	0	-1.86	-0.49	8.96	-12.81	-16.48	4.73	8.75	-13.89	0	ANTAGONISM	-108.35	
90	0.25	0	-0.34	-1.02	-1.27	-13.37	-8.27	-0.34	17.29	0.04	0	95% confidence interval	-27 - -189	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	32.86	
97	2	0	0	0	0	0	0	0	32.2756	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0.5796	0	0	0			
99	0.5	0	0	0	0	-5.0092	-7.9148	0	0	0	0	ANTAGONISM	-27.27	
100	0.25	0	0	0	0	-7.3528	-6.996	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	28.07	
107	2	0	0	0	0	0	0	0	28.0727	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	-2.5814	-5.2491	0	0	0	0	ANTAGONISM	-19.91	
110	0.25	0	0	0	0	-5.4801	-6.5995	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	23.11	
117	2	0	0	0	0	0	0	0	23.105	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	1.40069	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	<i>log volume</i>		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/mL)				MacSynergy™ II				Horizontal Drug: 3TC (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7364	1.6093	1.9767	1.4575	1.8083	1.0386	1.8025	1.5757	1.8179	1.7211	0.2679	1.7299	
6	2	0.6591	1.7991	0.9065	1.0347	1.1572	0.7203	1.1498	1.4786	1.6268	1.4746	0.2099	1.6428	<u>Average VC</u>
7	1	0.3708	0.5731	0.5947	0.4593	0.4963	0.654	1.1009	0.9959	1.5649	1.4696	0.3402	1.2492	0.290433333
8	0.5	0.3938	0.4518	0.4458	0.4206	0.3389	0.4492	0.4354	0.7533	1.042	1.2382	0.3431	1.4172	
9	0.25	0.304	0.2709	0.3579	0.3048	0.3629	0.2887	0.727	0.3157	1.5909	1.2581	0.2851	1.3206	<u>Average CC</u>
10	0	0.2683	0.2625	0.2781	0.2534	0.2743	0.4028	0.3387	0.5269	1.3583	1.6956	0.2954	1.565	1.48745
11	0	0	1.563	3.125	6.25	12.5	25	50	100	200	400	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.3679	1.1624	1.9031	1.6846	1.6483	1.5795	1.7191	1.7248	1.7735	1.6126	0.2513	1.7627	
16	2	0.6011	0.575	0.6448	1.0765	0.3889	0.5259	1.5852	1.5316	1.7373	1.3397	0.1988	1.7937	<u>Average VC</u>
17	1	0.4008	0.3798	0.4178	0.631	0.5058	0.4605	1.4306	1.1384	1.3985	1.3422	0.1897	1.6558	0.207633333
18	0.5	0.3813	0.3587	0.4038	0.5523	0.4212	0.512	0.3404	0.6014	0.8881	1.4257	0.1962	1.6137	
19	0.25	0.4027	0.3703	0.305	0.4088	0.3188	0.3736	0.8067	0.4556	0.5703	1.4165	0.2334	1.0605	<u>Average CC</u>
20	0	0.2234	0.2288	0.2596	0.2946	0.225	0.3702	0.4949	0.3375	1.503	1.4864	0.1764	1.2145	1.516816667
21	0	0	1.563	3.125	6.25	12.5	25	50	100	200	400	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.7996	1.6044	1.9277	1.5847	1.7971	1.6699	1.4981	1.6541	1.7546	1.6878	0.2146	1.766	
26	2	0.6905	0.4254	1.2972	0.4918	1.6993	0.5283	1.6995	0.9795	1.8002	1.5995	0.2892	1.831	<u>Average VC</u>
27	1	0.3366	0.4815	2.0992	0.7688	0.9591	1.3046	1.0649	0.5305	1.5019	1.2668	0.2104	1.8049	0.258583333
28	0.5	0.2854	0.3828	0.4352	0.3848	0.4033	0.3947	0.4874	0.6859	1.8148	1.3653	0.2478	1.2436	
29	0.25	0.3486	0.3116	0.3189	0.6654	0.4419	0.3571	0.4752	0.7551	1.1946	1.2614	0.304	1.1551	<u>Average CC</u>
30	0	0.2661	0.4064	0.378	0.3097	0.2492	0.3971	0.327	0.4017	1.2929	1.4922	0.2855	1.6333	1.572316667
31	0	0	1.563	3.125	6.25	12.5	25	50	100	200	400	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	95.18	100	100	100	91.57	100	100	100	100			
57	2	31.24	55.6	54.64	48.77	65.31	26.92	93.03	85.09	100	95.82			
58	1	9.14	17.91	60.53	28.43	31.1	43.1	74.17	50.24	97.36	87.31			
59	0.5	7.98	11.49	13.8	15.6	10.46	15.62	13.22	33.76	77.74	85.49			
60	0.25	7.63	4.94	5.89	15.84	9.5	6.68	32.91	19.62	69.2	83.17			
61	0	0	3.51	4.01	2.48	0	10.78	10.39	13.52	88.96	100			
62														
63	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	17.65	19.66	7.37	8.04	8.41	25.21	16.26	5.28	6.9	6.65			
67	2	1.46	61.48	23	26.94	48.3	8.02	18.46	26.18	3.16	8.25			
68	1	4.88	5.3	69.08	12.82	19.45	32.11	16.97	26.3	8.1	10.9			
69	0.5	5.64	2.01	1.05	9.31	6.15	6.76	3.76	4.43	35.67	7.01			
70	0.25	6.92	7.07	1.44	14.89	4.05	6.45	14.95	17.85	40.51	8.25			
71	0	1.61	6.98	5.06	5.02	1.4	1.53	10.02	5.42	10.11	12.61			
72														
73	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	31.24	33.65	34	32.95	31.24	38.65	38.38	40.54	92.41	100			
78	1	9.14	12.33	12.78	11.39	9.14	18.93	18.58	21.42	89.97	100			
79	0.5	7.98	11.21	11.67	10.26	7.98	17.9	17.54	20.42	89.84	100			
80	0.25	7.63	10.87	11.33	9.92	7.63	17.59	17.23	20.12	89.8	100			
81	0	0	3.51	4.01	2.48	0	10.78	10.39	13.52	88.96	100			
82														
83	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	0	-4.82	0	0	0	-8.43	0	0	0	0	SYNERGY	454.61	
87	2	0	21.95	20.64	15.82	34.07	-11.73	54.65	44.55	7.59	-4.18	95% confidence interval	862 - 47	
88	1	0	5.58	47.75	17.04	21.96	24.17	55.59	28.82	7.39	-12.69			
89	0.5	0	0.28	2.13	5.34	2.48	-2.28	-4.32	13.34	-12.1	-14.51	ANTAGONISM	-135.27	
90	0.25	0	-5.93	-5.44	5.92	1.87	-10.91	15.68	-0.5	-20.6	-16.83	95% confidence interval	-4 - -266	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	46.92	
97	2	0	0	0	0	0	0	18.4684	0	1.3964	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	22.3288	0	0	0			
99	0.5	0	0	0.072	0	0	0	0	4.6572	0	-0.7704	ANTAGONISM	-4.05	
100	0.25	0	0	-2.6176	0	0	0	0	0	0	-0.66	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.		
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	21.14	
107	2	0	0	0	0	0	0	7.2078	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	11.9771	0	0	0			
109	0.5	0	0	0	0	0	0	0	1.9549	0	0	ANTAGONISM	-1.74	
110	0.25	0	0	-1.7392	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	1.563	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.		
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-0.7
120	0.25	0	0	-0.70096	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: 3TC (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.478	1.7795	1.464	1.4768	1.3376	1.4222	1.5635	1.2385	1.5843	1.6882	0.2706	1.5176	
6	2	0.3617	0.68	0.7641	0.5901	0.382	0.6839	0.5702	0.5534	1.3975	1.4003	0.287	1.3457	Average VC
7	1	0.3355	0.6561	0.4007	0.4378	0.4122	0.5494	0.4045	0.7488	0.4688	1.4843	0.2681	1.5333	0.296883333
8	0.5	0.3054	0.3686	0.3342	0.3745	0.3244	0.3482	0.3404	0.3741	0.6624	1.4166	0.3161	1.7093	
9	0.25	0.3246	0.4081	0.3222	0.2907	0.2843	0.3464	0.3569	0.4738	0.5459	1.2731	0.3474	1.7888	Average CC
10	0	0.3052	0.2705	0.3042	0.2555	0.2828	0.3353	0.3581	0.5898	0.5062	0.6281	0.2921	1.7507	1.607566667
11	0	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.3935	1.4614	1.7391	1.6119	1.4801	1.5217	0.999	1.3508	1.6383	1.6701	0.2425	1.7488	
16	2	0.4402	1.1271	0.4917	0.7211	0.37	0.657	1.3209	0.8889	1.3711	1.4577	0.2428	1.6824	Average VC
17	1	0.3491	0.4434	0.8369	0.3857	0.3581	0.4627	0.3869	0.7038	1.2525	1.2367	0.2466	1.5182	0.261916667
18	0.5	0.3232	0.4048	0.3963	0.3196	0.3378	0.3684	0.3836	0.476	0.746	1.0748	0.3046	1.7149	
19	0.25	0.346	0.4078	0.3331	0.3701	0.3825	0.3553	0.4344	0.446	0.7982	1.5958	0.2609	1.5485	Average CC
20	0	0.2958	0.2986	0.3206	0.2912	0.3125	0.3288	0.338	0.3981	0.5086	1.5348	0.2741	1.489	1.616966667
21	0	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.3505	1.4278	1.182	0.9614	1.6486	1.2178	1.5819	1.4529	1.7324	1.6093	0.274	1.7443	
26	2	0.5637	1.1891	0.4499	0.5565	0.4228	0.9259	1.3256	0.8486	1.1773	1.4373	0.2804	2.0664	Average VC
27	1	0.4084	0.3662	0.6104	0.4653	0.4447	0.4177	0.5568	0.4621	0.8837	1.4027	0.2511	1.856	0.280383333
28	0.5	0.3876	0.3564	0.3469	0.3923	0.3621	0.3134	0.3381	0.5173	0.4716	1.0208	0.2739	1.8761	
29	0.25	0.3421	0.4257	0.3967	0.3166	0.3554	0.3628	0.3823	0.4436	0.7398	1.2621	0.2977	1.6978	Average CC
30	0	0.3011	0.323	0.3032	0.271	0.3217	0.3114	0.3132	0.4153	0.452	1.3426	0.3052	1.7867	1.837883333
31	0	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	80.78	91.77	85.32	77.79	85.72	79.67	78.2	75.83	97.68	98.47			
57	2	12.1	50.47	20.91	24.88	7.87	33.38	55.37	34.11	74.47	82.24			
58	1	5.87	15.44	21.71	10.59	8.82	14.3	11.73	26.25	41.65	78.2			
59	0.5	4.02	6.97	5.68	5.79	4.32	4.63	5.34	12.3	25.04	64.32			
60	0.25	4.09	9.53	4.88	3.28	4.25	5.32	7.95	12.52	29.36	78.65			
61	0	1.49	1.14	2.12	0	1.77	3.29	4.13	13.71	15.06	62.47			
62														
63	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	10.96	19.92	25.77	29.89	5.56	17.24	21.63	4.28	4.2	11.44			
67	2	6.69	18.6	12.48	8.06	1.33	6.99	30.4	13.51	14.66	7.18			
68	1	2.68	11.09	18.27	1.38	1.73	5.24	5.24	12.67	30.1	10.74			
69	0.5	3.15	3.11	3.74	1.47	1.93	2.94	3.16	5.56	11.86	19.31			
70	0.25	2.05	1.15	2.79	4.31	4.95	1.56	4.25	1.77	10.29	18.07			
71	0	0.94	2.73	1.97	2.66	2.52	1.5	1.82	7.51	3.68	34.69			
72														
73	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	81.07	81	81.19	80.78	81.12	81.41	81.57	83.42	83.67	92.79			
77	2	13.41	13.1	13.96	12.1	13.66	14.99	15.73	24.15	25.34	67.01			
78	1	7.27	6.94	7.87	5.87	7.54	8.97	9.76	18.78	20.05	64.67			
79	0.5	5.45	5.11	6.05	4.02	5.72	7.18	7.98	17.18	18.47	63.98			
80	0.25	5.52	5.18	6.12	4.09	5.79	7.25	8.05	17.24	18.53	64			
81	0	2.95	2.61	3.58	1.49	3.23	4.73	5.56	15	16.33	63.03			
82														
83	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	347.25	
86	4	-0.29	10.77	4.13	-2.99	4.6	-1.74	-3.37	-7.59	14.01	5.68	95% confidence	657 - 37	
87	2	-1.31	37.37	6.95	12.78	-5.79	18.39	39.64	9.95	49.13	15.23	Interval		
88	1	-1.4	8.5	13.84	4.72	1.28	5.33	1.97	7.47	21.6	13.53			
89	0.5	-1.43	1.86	-0.37	1.77	-1.4	-2.55	-2.64	-4.88	6.57	0.34	ANTAGONISM	-49.52	
90	0.25	-1.43	4.35	-1.24	-0.81	-1.54	-1.93	-0.1	-4.72	10.83	14.65	95% confidence	-4 - -95	
91	0		-1.47	-1.46	-1.49	-1.46	-1.44	-1.43	-1.29	-1.27	-0.66	Interval		
92														
93	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	5.778	0	SYNERGY	37.05	
97	2	0	0.914	0	0	-3.1832	4.6896	0	0	20.3964	1.1572	log volume	#VALUE!	
98	1	0	0	0	2.0152	0	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-4.43	
100	0.25	0	2.096	0	0	0	0	0	-1.2508	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	3.216	0	SYNERGY	17.66	
107	2	0	0	0	0	-2.3719	0.4257	0	0	11.4538	0	log volume	#VALUE!	
108	1	0	0	0	1.1734	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-2.54	
110	0.25	0	1.3945	0	0	0	0	0	-0.1711	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	1.5625	3.125	6.25	12.5	25	50	100	200	400	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0.1878	0	SYNERGY	1.82	
117	2	0	0	0	0	-1.41297	0	0	0	0.88394	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0.17842	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-1.41
120	0.25	0	0.56535	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: Emtricitibine (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.9631	1.9371	2.1393	0.8866	1.9371	2.0635	2.1236	1.4671	1.937	2.0272	0.4079	2.0113	
6	2	0.5882	0.6218	0.7998	1.0235	1.0983	0.9836	1.9739	1.3743	1.2374	1.5584	0.4455	2.0223	<u>Average VC</u>
7	1	0.5238	0.6544	0.528	1.127	0.5546	0.5833	0.6078	1.0043	1.6786	1.0651	0.3579	2.0273	0.417016667
8	0.5	0.5194	0.6097	0.4084	0.5373	0.3829	0.7289	0.4303	0.5546	1.0042	1.3518	0.4625	2.177	
9	0.25	0.5266	0.6395	0.4385	0.4168	0.5437	0.4069	0.4765	0.646	0.9887	1.2015	0.4376	2.1016	<u>Average CC</u>
10	0	0.3766	0.3566	0.3751	0.4904	0.5171	0.4571	0.3696	0.7738	0.6479	1.0882	0.3907	2.0912	2.071783333
11	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	2.0236	2.1353	1.988	1.758	1.8636	1.9127	2.1714	1.5106	1.5304	1.2184	0.3755	2.2192	
16	2	0.4834	0.6328	1.6392	1.1348	0.9663	0.9395	1.2358	1.2649	1.7981	1.5413	0.3659	2.0882	<u>Average VC</u>
17	1	0.6028	0.6211	0.5642	1.0614	0.5933	0.4341	0.5768	0.8521	0.608	1.4205	0.3456	1.9798	0.428966667
18	0.5	0.6571	0.9687	0.5515	0.6221	0.7062	0.5859	0.4681	0.6932	1.001	1.3939	0.3542	2.2555	
19	0.25	0.5004	0.5683	0.5999	0.5225	0.407	0.6323	0.6026	0.5503	0.6926	1.2304	0.7491	1.9803	<u>Average CC</u>
20	0	0.5472	0.4171	0.4225	0.4448	0.5183	0.5459	0.357	0.6557	0.5876	2.0371	0.3835	2.0757	2.099783333
21	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	2.0257	2.1766	2.2363	2.0979	1.8765	2.1231	2.0495	2.1024	1.9682	2.1458	0.3682	2.3005	
26	2	1.5372	1.1522	0.7715	1.2379	0.8641	0.6136	1.7937	0.9754	2.0028	1.599	0.4009	2.1103	<u>Average VC</u>
27	1	0.4495	0.5518	0.6525	0.9436	0.7045	0.7167	0.7228	0.5108	0.6339	1.3348	0.4013	2.2095	0.469166667
28	0.5	0.6151	0.5924	0.6567	0.5899	0.4915	0.5948	0.567	0.6674	2.0759	1.1441	0.6251	2.3826	
29	0.25	0.507	0.607	0.5534	0.4534	0.5421	0.448	0.4172	0.763	0.9771	1.4498	0.5887	2.0818	<u>Average CC</u>
30	0	0.4448	0.5507	0.3982	0.5464	0.4906	0.3741	0.5812	0.504	0.9015	1.4149	0.4308	2.1053	2.198333333
31	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	92.96	97.58	99.86	67.41	86.37	94.65	99.6	74.22	81.49	80.51			
57	2	25.12	21.36	37.68	41.12	32.06	24.38	72.99	45.72	73.42	66.96			
58	1	5.24	10.21	8.47	36.06	10.59	8.22	11.68	21.07	32.16	49.52			
59	0.5	9.43	17.02	5.89	8.6	5.27	11.84	2.93	11.86	54.21	51.09			
60	0.25	4.36	7.99	5.47	1.56	3.52	3.44	3.66	12.7	26.57	50.7			
61	0	1.07	0.12	0	3.28	4.21	1.31	-0.23	12.38	16.15	63.83			
62														
63	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	2.74	5.23	5.75	34.49	5.25	5.42	7.13	17.54	13.73	28.8			
67	2	31.93	15.71	30.23	4.02	9.17	14	23.11	14.77	20.92	1.85			
68	1	5.87	4.91	1.97	7.89	2.73	7.18	2.91	16.95	38.18	10.1			
69	0.5	3.83	13.42	5.82	2.56	9.94	6.17	2.48	3.77	33.53	10.46			
70	0.25	2.22	5.64	4.5	3.53	4.53	7.56	6.7	4.96	9.69	5.22			
71	0	5.22	4.24	1.87	2.02	2.6	6.32	5.86	9.83	7.98	28.95			
72														
73	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	93.04	92.97	92.96	93.19	93.26	93.05	92.94	93.83	94.1	97.45			
77	2	25.92	25.21	25.12	27.58	28.27	26.1	24.95	34.39	37.21	72.92			
78	1	6.25	5.35	5.24	8.35	9.23	6.48	5.02	16.97	20.54	65.73			
79	0.5	10.4	9.54	9.43	12.4	13.24	10.62	9.22	20.64	24.06	67.24			
80	0.25	5.38	4.47	4.36	7.5	8.39	5.61	4.14	16.2	19.81	65.41			
81	0	2.13	1.19	1.07	4.31	5.23	2.37	0.84	13.32	17.05	64.22			
82														
83	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	256.76	
86	4	-0.08	4.61	6.9	-25.78	-6.89	1.6	6.66	-19.61	-12.61	-16.94	95% confidence interval	492 - 22	
87	2	-0.8	-3.85	12.56	13.54	3.79	-1.72	48.04	11.33	36.21	-5.96			
88	1	-1.01	4.86	3.23	27.71	1.36	1.74	6.66	4.1	11.62	-16.21			
89	0.5	-0.97	7.48	-3.54	-3.8	-7.97	1.22	-6.29	-8.78	30.15	-16.15	ANTAGONISM	-191.65	
90	0.25	-1.02	3.52	1.11	-5.94	-4.87	-2.17	-0.48	-3.5	6.76	-14.71	95% confidence interval	-10 - -374	
91	0		-1.07	-1.07	-1.03	-1.02	-1.06	-1.07	-0.94	-0.9	-0.39			
92														
93	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	21.61	
97	2	0	0	0	5.6608	0	0	2.7444	0	0	-2.334	log volume	#VALUE!	
98	1	0	0	0	12.2456	0	0	0.9564	0	0	0			
99	0.5	0	0	0	0	0	0	-1.4292	-1.3908	0	0	ANTAGONISM	-9.63	
100	0.25	0	0	0	0	0	0	0	0	0	-4.4788	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	10.64	
107	2	0	0	0	3.2086	0	0	0	0	0	-1.2055	log volume	#VALUE!	
108	1	0	0	0	7.4327	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-2.5	
110	0.25	0	0	0	0	0	0	0	0	0	-1.2946	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	2.05	
117	2	0	0	0	0.31018	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	1.74401	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/ml.)				MacSynergy™ II					Horizontal Drug: Emtricitibine (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7479	1.844	1.1771	1.3228	1.9514	1.8299	1.7632	1.7054	1.8342	1.7826	0.361	1.4864	
6	2	0.8814	0.5955	1.0389	0.6722	0.6691	1.6212	1.6597	1.1534	1.4309	1.4993	0.3815	1.3914	Average VC
7	1	0.5332	0.8549	0.4959	0.4104	0.5579	0.592	0.6504	1.1037	1.4267	1.7767	0.3579	1.4333	0.36305
8	0.5	0.5138	0.4278	0.5072	0.3617	0.3703	0.4013	0.5711	0.6822	1.0381	1.6944	0.401	1.4314	
9	0.25	0.377	0.4185	0.3633	0.3207	0.4607	0.4025	0.4773	1.298	1.4444	1.6375	0.3514	1.5595	Average CC
10	0	0.3997	0.3444	0.2935	0.3355	0.3401	0.328	0.4952	0.6707	0.8424	1.7006	0.3255	1.4296	1.455266667
11	0	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.1532	1.8874	1.6239	1.7331	1.7772	1.7656	1.7009	1.7687	1.7837	1.812	0.2793	1.7139	
16	2	1.4198	0.7766	0.549	1.0705	0.6681	1.4532	0.8608	1.5654	1.6023	1.4594	0.2628	1.6886	Average VC
17	1	0.4854	0.5926	0.5402	0.3742	1.2207	0.5274	0.7009	1.2809	1.8009	1.4273	0.2893	1.6748	0.283833333
18	0.5	0.4155	0.471	0.6304	0.4474	0.482	0.5025	0.6785	0.7021	0.9437	1.5082	0.2727	1.8329	
19	0.25	0.4978	0.3677	0.4218	0.3855	0.5019	0.4649	0.5685	0.692	0.7823	1.5827	0.298	1.7489	Average CC
20	0	0.3039	0.3585	0.3613	0.3504	0.3483	0.3385	0.5555	0.5342	0.9292	1.5694	0.3009	1.6155	1.712433333
21	0	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.6682	0.6709	1.9439	1.7462	1.8736	1.5266	1.9063	1.6426	1.8061	1.7407	0.3039	1.7862	
26	2	0.5888	1.2875	0.798	1.2018	0.9077	0.6264	1.4584	0.9067	1.7378	1.4573	0.3317	1.7352	Average VC
27	1	0.4802	0.6381	0.5016	0.5844	1.0078	1.1763	0.8444	0.7771	1.6301	1.62	0.2947	1.7293	0.30975
28	0.5	0.6285	0.6753	0.6219	0.6367	0.5061	0.4944	0.5689	0.6013	1.192	1.6852	0.3285	1.9118	
29	0.25	0.3907	0.564	0.5035	0.4002	0.5117	0.4075	0.4622	0.8577	0.7945	1.6837	0.3471	1.6815	Average CC
30	0	0.3883	0.2844	0.3365	0.3811	0.396	0.3537	0.7133	1.7117	1.5436	1.3581	0.2526	1.7943	1.77305
31	0	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	93.49	90.84	98	95.83	100	100	100	100	100	100			
57	2	48.68	40.86	37.94	48.11	31.93	72.9	79.2	67.62	95.88	88.25			
58	1	13.8	27.42	14.41	9.81	43.71	32.41	30.68	56.61	97.94	97.39			
59	0.5	12.66	14.67	19.6	11.22	9.32	10.48	21.46	26.14	56.1	100			
60	0.25	7.26	9.44	7.64	3.14	12.67	7.66	13.6	50.54	55.67	100			
61	0	3.38	0.6	0.29	2.34	2.77	1.21	19.56	44.11	57.79	94.7			
62														
63	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	32.97	58.47	20.42	7.08	22.96	25.73	14.74	16.01	17.99	16.58			
67	2	30.24	23.43	22.02	17.4	7.76	47.42	39.17	24.8	3.11	13.81			
68	1	1.99	15.55	3.1	7.82	24.12	23.3	5.27	21.31	8	27.78			
69	0.5	3.03	9.62	5.73	11.24	7.5	6.19	5.38	5.38	8.61	18.96			
70	0.25	7.01	6.88	6.84	6.1	3.31	4.61	5.48	30.69	37.54	14.1			
71	0	1.98	4.01	6.04	4.21	4.27	3.85	7.75	44.77	22.98	25.73			
72														
73	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	93.71	93.53	93.51	93.64	93.67	93.57	94.76	96.36	97.25	99.65			
77	2	50.41	48.99	48.83	49.88	50.1	49.3	58.72	71.32	78.34	97.28			
78	1	16.71	14.32	14.05	15.82	16.19	14.84	30.66	51.82	63.61	95.43			
79	0.5	15.61	13.18	12.91	14.7	15.08	13.72	29.74	51.19	63.13	95.37			
80	0.25	10.39	7.82	7.53	9.43	9.83	8.38	25.4	48.17	60.85	95.08			
81	0	6.65	3.96	3.66	5.64	6.06	4.55	22.28	46	59.22	94.88			
82														
83	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	217.26	
86	4	-0.22	-2.69	4.49	2.19	6.33	6.43	5.24	3.64	2.75	0.36	95% confidence interval	404 - 30	
87	2	-1.73	-8.13	-10.89	-1.77	-18.17	23.6	20.48	-3.7	17.54	-9.03			
88	1	-2.91	13.1	0.36	-6.01	27.52	17.57	0.02	4.69	34.33	1.96			
89	0.5	-2.95	1.49	6.69	-3.48	-5.76	-3.24	-8.28	-25.05	-7.03	4.63	ANTAGONISM	-148.16	
90	0.25	-3.13	1.62	0.11	-6.29	2.84	-0.72	-11.8	2.37	-5.18	4.92	95% confidence interval	-19 - -278	
91	0		-3.36	-3.37	-3.3	-3.29	-3.34	-2.72	-1.89	-1.43	-0.18			
92														
93	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	30.09	
97	2	0	0	0	0	-2.9604	0	0	0	11.4444	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	18.65	0			
99	0.5	0	0	0	0	0	0	0	-14.5052	0	0	ANTAGONISM	-18.52	
100	0.25	0	0	0	0	0	0	-1.0592	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	23.32	
107	2	0	0	0	0	0	0	0	0	9.5473	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	13.77	0			
109	0.5	0	0	0	0	0	0	0	-11.2234	0	0	ANTAGONISM	-11.22	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.39063	0.78125	1.5625	3.125	6.25	12.5	25	50	100	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	15.31	
117	2	0	0	0	0	0	0	0	0	7.30499	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	8.002	0			
119	0.5	0	0	0	0	0	0	0	-7.34442	0	0	ANTAGONISM		-7.34
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: ddi (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.9177	2.1002	1.3726	2.0325	1.2603	1.9953	1.8694	1.9736	1.7716	2.1267	0.3926	2.1851	
6	2	1.4981	0.7019	1.0561	1.4012	0.8188	0.86	1.0252	0.8729	1.4712	1.7748	0.4787	1.9928	<u>Average VC</u>
7	1	0.4492	0.7035	0.5717	0.9109	0.6367	0.9016	0.5538	0.7127	0.9352	1.3127	0.4012	1.6115	0.449
8	0.5	0.5188	0.8932	0.7851	1.1693	0.5976	0.7264	0.7737	0.6951	0.6017	1.014	0.5104	1.702	
9	0.25	0.5519	0.717	0.5726	0.8262	0.6406	0.7202	0.5068	0.6907	0.5475	1.3438	0.4706	2.0893	<u>Average CC</u>
10	0	0.4804	0.3915	0.5343	0.5012	0.4483	0.5941	0.6336	0.659	1.1425	1.674	0.4405	2.1851	1.960966667
11	0	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	2.0204	1.9633	1.892	2.0397	1.9708	2.0207	1.7455	1.9187	1.9229	2.0091	0.4466	2.2343	
16	2	0.6878	1.2314	1.109	0.745	0.9128	0.9992	1.1467	0.7097	1.1731	1.7793	0.4559	2.2088	<u>Average VC</u>
17	1	0.4942	0.7963	0.6007	0.6862	0.6061	1.215	0.6836	0.6832	0.7609	1.3735	0.5727	2.0979	0.54265
18	0.5	0.5063	0.949	0.5131	0.723	0.7934	0.7827	0.6796	1.3187	1.2691	1.2582	0.6189	2.2584	
19	0.25	0.5064	0.6972	0.6136	0.645	0.5069	0.8201	0.7202	0.8822	0.7262	1.0611	0.6908	2.0834	<u>Average CC</u>
20	0	0.6257	0.5342	0.5509	0.6727	0.5134	0.596	0.9744	0.5114	0.7852	1.4766	0.471	2.1193	2.167016667
21	0	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.9924	1.742	1.7067	1.4303	2.0186	2.173	1.7117	1.4096	2.0188	2.0646	0.517	2.0204	
26	2	0.6386	1.8804	1.1172	2.1501	1.0928	1.0755	1.2802	1.8722	1.4074	1.5898	0.3316	2.1325	<u>Average VC</u>
27	1	0.9277	0.7813	0.7731	0.8715	0.7293	0.92	0.8446	0.7984	1.0972	1.5366	0.4132	2.0101	0.439016667
28	0.5	0.4735	0.8649	0.8454	0.5695	1.264	0.6101	0.8323	0.5686	0.8796	1.3824	0.4057	2.4935	
29	0.25	0.556	0.7108	0.686	0.6682	0.7312	0.904	1.2435	0.5667	1.0959	1.1745	0.4724	2.2832	<u>Average CC</u>
30	0	0.4326	0.4552	0.6313	0.5202	0.6989	0.4849	0.5712	0.5161	0.5843	1.501	0.4942	2.2138	2.19225
31	0	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	92.24	90.33	72.15	84.48	77.22	97.39	80.19	80.3	87.52	97.99			
57	2	29.92	47.11	37.9	57.68	28.18	30.53	41.09	40.02	53.88	76.49			
58	1	8.3	17.32	10.25	21.35	10.96	32.92	12.91	15.53	27.51	56.96			
59	0.5	1.45	26.23	14.53	22.06	24.11	14.29	17.45	23.81	26.65	45.08			
60	0.25	3.75	14.25	8.88	14.77	9.05	20.51	20.21	14.72	18.43	44.35			
61	0	2.27	0	5.71	5.36	4.33	5.17	15.44	5.45	23.03	66.36			
62														
63	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	4.41	17.62	10.99	25	20.44	5.79	11.93	23.06	2.57	11.3			
67	2	34.25	33	2.73	42.82	7.93	5.02	5.98	37.21	14.44	11.03			
68	1	17.02	2	7.96	11.23	6.45	7.44	8.89	6.15	13	5.73			
69	0.5	3.46	2.75	14.17	22.23	20.07	4.31	7.82	21.22	17.36	8.27			
70	0.25	5.18	4.25	4.9	9.44	9.94	5.22	22.52	6.9	16.66	13.79			
71	0	2.74	2.42	5.23	2.36	9.13	3.85	9.92	7.96	20.06	12.79			
72														
73	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	92.42	92.24	92.68	92.66	92.58	92.64	93.44	92.66	94.03	97.39			
77	2	31.51	29.92	33.92	33.68	32.95	33.54	40.74	33.74	46.06	76.43			
78	1	10.38	8.3	13.54	13.22	12.27	13.04	22.46	13.3	29.42	69.15			
79	0.5	3.69	1.45	7.08	6.73	5.72	6.55	16.67	6.82	24.15	66.85			
80	0.25	5.93	3.75	9.25	8.91	7.92	8.73	18.61	9	25.92	67.62			
81	0	4.49	2.27	7.85	7.51	6.5	7.32	17.36	7.6	24.78	67.12			
82														
83	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.18	-1.91	-20.53	-8.18	-15.36	4.75	-13.25	-12.36	-6.51	0.6	SYNERGY	234.84	
87	2	-1.59	17.19	3.98	24	-4.77	-3.01	0.35	6.28	7.82	0.06	95% confidence interval	436 - 34	
88	1	-2.08	9.02	-3.29	8.13	-1.31	19.88	-9.55	2.23	-1.91	-12.19			
89	0.5	-2.24	24.78	7.45	15.33	18.39	7.74	0.78	16.99	2.5	-21.77	ANTAGONISM	-175.3	
90	0.25	-2.18	10.5	-0.37	5.86	1.13	11.78	1.6	5.72	-7.49	-23.27	95% confidence interval	-8 - -343	
91	0		-2.27	-2.14	-2.15	-2.17	-2.15	-1.92	-2.15	-1.75	-0.76			
92														
93	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	-1.4728	0	SYNERGY	33.51	
97	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
98	1	0	5.1	0	0	0	5.2976	0	0	0	-0.9592			
99	0.5	0	19.39	0	0	0	0	0	0	0	-5.5608	ANTAGONISM	-7.99	
100	0.25	0	2.17	0	0	0	1.5488	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	22.35	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	3.88	0	0	0	0.7692	0	0	0	0			
109	0.5	0	17.7125	0	0	0	0	0	0	0	-0.5161	ANTAGONISM	-0.52	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	18.17	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	2.438	0	0	0	0	0	0	0	0			
119	0.5	0	15.7298	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: ddl (uM)				
3														REPLICATE 1
4														enter data
5	4	1.343	1.7693	1.4725	1.6459	0.6309	0.8679	1.7889	1.6973	1.7509	1.6618	0.2822	1.5468	
6	2	1.0966	0.6514	0.6419	0.7684	0.6344	0.7614	0.8054	1.1975	0.7411	1.3051	0.3288	1.235	Average VC
7	1	0.472	0.5429	0.5148	0.4996	0.4026	0.4224	0.5296	0.6373	0.6625	1.0605	0.3438	1.4095	0.312783333
8	0.5	0.4038	0.6262	0.5777	0.405	0.3777	0.4159	0.3628	0.5765	0.6698	1.2359	0.2699	1.2114	
9	0.25	0.3229	0.5017	0.4952	0.3801	0.4656	0.3742	0.4224	0.5327	0.6269	1.3974	0.3059	1.2795	Average CC
10	0	0.3173	0.3508	0.4054	0.3008	0.3657	0.2489	0.3333	0.378	0.5192	1.5059	0.3461	1.3835	1.344283333
11	0	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.494	1.797	1.4833	1.6791	1.5271	1.6862	1.6167	1.7151	1.8229	1.2063	0.2743	1.5817	
16	2	0.5072	1.1578	0.9805	0.5675	1.2151	0.7699	1.6827	0.7229	1.4519	1.5715	0.2783	1.7215	Average VC
17	1	0.5031	0.542	0.6628	0.3988	0.5801	0.5278	0.4554	0.8801	0.7528	1.1361	0.2862	1.6534	0.273383333
18	0.5	0.4495	0.5314	0.5726	0.4715	0.3775	0.4407	0.7327	0.5715	0.4848	1.2142	0.2695	1.7116	
19	0.25	0.4285	0.3689	0.4864	0.37	0.3924	0.35	0.4179	0.474	0.7385	1.2612	0.2533	1.6043	Average CC
20	0	0.4031	0.3777	0.3562	0.2864	0.3793	0.247	0.3203	0.3676	0.4203	1.4605	0.2787	1.6242	1.64945
21	0	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.4792	1.6006	1.7759	1.4676	1.3715	1.188	1.7524	1.7042	1.7524	1.3384	0.3268	1.6022	
26	2	0.7713	0.9295	0.5293	0.9843	0.8394	0.7174	0.8968	1.4652	1.6034	1.7073	0.2963	1.6381	Average VC
27	1	0.4693	0.4504	0.4543	0.4211	0.4864	0.4875	0.4455	0.6096	1.418	1.0364	0.2879	1.6982	0.35285
28	0.5	0.413	0.5236	0.7152	0.4006	0.4897	0.3821	0.4334	0.6474	0.5727	1.6599	0.3389	1.8609	
29	0.25	0.3282	0.4216	0.4174	0.4033	0.4025	0.333	0.3971	0.4769	0.8254	1.2944	0.3424	1.7358	Average CC
30	0	0.3437	0.3519	0.4369	0.3175	0.3353	0.3038	0.3226	0.3663	0.4727	1.4208	0.5248	1.8676	1.7338
31	0	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	90.05	100	100	100	65.24	72.32	100	100	100	89.98			
57	2	41.09	46.29	32.02	37.09	44.95	35.32	63.19	66.33	72.57	96.21			
58	1	13.52	16.3	18.41	10.72	13.66	12.96	13.65	31.38	48.63	61.56			
59	0.5	8.66	20.5	24.56	8.93	7.92	8.09	14.69	20.44	21.97	84.17			
60	0.25	3.49	10.08	12.61	5.73	9.02	3.36	8.11	14.96	32.82	81.71			
61	0	3.07	3.73	7.03	0	3.85	0	1.07	4.71	13.12	93.09			
62														
63	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	9.23	25.59	12.36	24.31	31.03	26.49	25.25	19.31	19.56	35.38			
67	2	30.94	16.2	19.3	13.63	20.44	8.57	34.23	29.27	27	1.87			
68	1	4.45	8.12	10.53	6.73	7.68	4.81	7.16	12.75	24.69	11.54			
69	0.5	4.22	9.14	2.45	5.47	1.83	5.28	16.2	5.84	10.96	13.92			
70	0.25	6.88	7.2	6.96	1.82	5.62	4.16	4.25	6.18	2.06	20.38			
71	0	5.53	3.83	1.69	1.76	4.62	2.16	2.91	3.25	6.05	20.06			
72														
73	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	90.36	90.42	90.75	90.05	90.43	90.05	90.16	90.52	91.36	99.31			
77	2	42.9	43.29	45.23	41.09	43.36	41.09	41.72	43.86	48.82	95.93			
78	1	16.17	16.75	19.6	13.52	16.85	13.52	14.45	17.59	24.87	94.02			
79	0.5	11.46	12.07	15.08	8.66	12.18	8.66	9.64	12.96	20.64	93.69			
80	0.25	6.45	7.09	10.27	3.49	7.21	3.49	4.52	8.04	16.15	93.33			
81	0	6.05	6.69	9.88	3.07	6.8	3.07	4.11	7.64	15.79	93.3			
82														
83	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	235.45	
86	4	-0.31	9.58	9.25	9.95	-25.19	-17.73	9.84	9.48	8.64	-9.33	95% confidence interval	454 - 17	
87	2	-1.81	3	-13.21	-4	1.59	-5.77	21.47	22.47	23.75	0.28			
88	1	-2.65	-0.45	-1.19	-2.8	-3.29	-0.56	-0.8	13.79	23.76	-32.46			
89	0.5	-2.8	8.43	9.48	0.27	-4.26	-0.57	5.05	7.48	1.33	-9.52	ANTAGONISM	-153.41	
90	0.25	-2.96	2.99	2.34	2.24	1.81	-0.13	3.89	6.92	16.67	-11.62	95% confidence interval	-11 - -296	
91	0		-2.96	-2.85	-3.07	-2.95	-3.07	-3.04	-2.93	-2.67	-0.21			
92														
93	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	17.31	
97	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	0	-9.8416			
99	0.5	0	0	4.678	0	-0.6732	0	0	0	0	0	ANTAGONISM	-10.51	
100	0.25	0	0	0	0	0	0	0	0	12.6324	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	14.56	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	-2.8022			
109	0.5	0	0	3.1835	0	0	0	0	0	0	0	ANTAGONISM	-2.8	
110	0.25	0	0	0	0	0	0	0	0	11.3758	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	11.31	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	1.41705	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	9.89054	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug	Fullerene (ug/mL)				MacSynergy™ II				Horizontal Drug		TFV (uM)		
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.5905	2.027	1.8398	1.8211	1.8964	1.9779	1.8569	1.9224	1.98	1.9543	0.4677	2.0622	
6	2	1.4735	0.9313	1.1012	1.0241	0.7154	1.1257	0.7284	1.7776	1.8392	1.5831	0.5563	2.0323	<u>Average VC</u>
7	1	0.6571	1.0441	0.6551	0.7772	0.6523	0.7361	1.0182	0.878	1.6294	1.5026	0.4442	2.1462	0.52375
8	0.5	0.6082	1.2284	1.1489	0.8304	0.7057	0.5797	0.745	1.0354	1.2699	1.6218	0.5616	2.1191	
9	0.25	0.8157	0.5614	0.6015	0.6145	0.6964	1.2307	0.692	1.197	1.4882	1.8263	0.5196	2.1487	<u>Average CC</u>
10	0	0.4928	0.4872	0.4945	0.5332	0.5622	0.4939	0.5334	1.1378	1.4253	2.0192	0.5931	1.5464	2.00915
11	0	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.7652	2.001	1.7641	2.0201	1.8434	1.9063	1.8264	1.8909	1.7845	2.0328	0.4172	2.1247	
16	2	1.4252	1.8604	1.8147	1.812	1.4839	1.2734	1.5554	1.9178	1.933	1.4161	0.4212	1.9567	<u>Average VC</u>
17	1	0.9668	0.7783	0.8226	0.627	0.775	0.7737	0.8304	1.4648	1.4915	1.4258	0.3934	1.9399	0.467533333
18	0.5	0.5912	0.735	0.8808	0.5872	0.862	0.6862	0.538	0.6682	1.8715	1.596	0.4232	2.0921	
19	0.25	0.5572	0.6116	0.9329	0.5517	1.079	0.7664	0.8163	0.8455	1.1646	1.6184	0.4464	1.8368	<u>Average CC</u>
20	0	0.608	0.4741	0.5814	0.5389	0.6104	0.6201	0.5893	1.146	1.9098	1.9198	0.7038	1.9864	1.989433333
21	0	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.8466	1.9853	1.6085	1.789	2.0661	1.5711	1.7929	1.89	1.9355	1.9417	0.3923	2.4755	
26	2	1.2785	0.9552	1.8056	0.8416	0.8612	0.9109	1.5349	1.0027	1.9293	1.5013	0.4869	2.2218	<u>Average VC</u>
27	1	0.5474	0.7201	0.7489	0.8746	0.751	0.8707	0.6759	1.4514	1.5254	1.6295	0.429	2.2201	0.445683333
28	0.5	0.5858	0.6132	0.7926	0.6364	0.808	0.5339	0.7614	0.9279	1.4188	1.6307	0.4922	2.4652	
29	0.25	0.7393	0.6182	0.69	0.6844	0.6494	0.6401	0.6486	1.136	0.9083	2.0232	0.4299	2.1463	<u>Average CC</u>
30	0	0.5756	0.4196	0.58	0.4621	0.5411	0.3695	0.4922	1.0457	1.5252	1.7	0.4438	1.9234	2.24205
31	0	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	78.36	95.89	79.51	88.04	91.01	85.03	84.66	89.36	89.17	94.15			
57	2	57.74	49.11	67.7	48.02	34.27	39.79	48.63	70.24	89.15	64.14			
58	1	15.82	23.58	16.35	17.14	15.28	19.36	23.32	48.45	67.27	64.92			
59	0.5	7.2	24.78	29.52	13.04	19.45	7.68	12.37	24.82	65.55	71.35			
60	0.25	13.96	7.2	16.47	8.31	21.05	26.02	15.18	36.2	45.49	83.71			
61	0	4.79	0	4.33	2.08	5.76	1.26	3.75	39.77	71.85	88.64			
62														
63	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	6.73	8.82	12.91	13.63	1.22	19.45	8.39	7.77	7.89	9.96			
67	2	9.87	36.73	25.77	35.4	28.62	13.54	30.67	34.41	6.87	6.47			
68	1	14.81	10.25	7.26	6.7	5.96	4.73	10.25	21.84	7.16	1.69			
69	0.5	1.33	20.05	11.57	6.73	6.86	5.82	6.83	10.77	23.21	4.66			
70	0.25	7.18	4.04	12.91	4.32	16.57	19.2	6.7	10.43	19.59	7.01			
71	0	6.04	1.47	5.46	2.26	3.42	7.67	3.81	5.75	19.85	16.51			
72														
73	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	79.4	78.36	79.3	78.81	79.61	78.63	79.17	86.97	93.91	97.54			
77	2	59.76	57.74	59.57	58.62	60.17	58.27	59.32	74.55	88.1	95.2			
78	1	19.85	15.82	19.46	17.57	20.67	16.88	18.98	49.3	76.3	90.44			
79	0.5	11.65	7.2	11.22	9.13	12.55	8.37	10.68	44.11	73.88	89.46			
80	0.25	18.08	13.96	17.69	15.75	18.92	15.04	17.19	48.18	75.78	90.23			
81	0	9.35	4.79	8.91	6.77	10.27	5.99	8.36	42.66	73.2	89.18			
82														
83	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	137.92	
86	4	-1.04	17.53	0.21	9.23	11.4	6.4	5.51	2.39	-4.74	-3.39	95% confidence	267 - 9	
87	2	-2.02	-8.63	8.13	-10.6	-25.9	-18.48	-10.69	-4.31	1.05	-31.06	interval		
88	1	-4.03	7.76	-3.11	-0.43	-5.39	2.48	4.34	-0.85	-9.03	-25.52			
89	0.5	-4.45	17.58	18.3	3.91	6.9	-0.69	1.69	-19.29	-8.33	-18.11	ANTAGONISM	-290.43	
90	0.25	-4.12	-6.76	-1.22	-7.44	2.13	10.98	-2.01	-11.98	-30.29	-6.52	95% confidence	-51 - -529	
91	0		-4.79	-4.58	-4.69	-4.51	-4.73	-4.61	-2.89	-1.35	-0.54	interval		
92														
93	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0.2428	0	0	9.0088	0	0	0	0	0	SYNERGY	9.25	
97	2	0	0	0	0	0	0	0	0	0	-18.3788	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	0	-22.2076			
99	0.5	-1.8432	0	0	0	0	0	0	0	0	-8.9754	ANTAGONISM	-51.41	
100	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
101	0		-1.9086	0	-0.2604	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	66%	
105	0						#VALUE!							
106	4	0	0	0	0	8.2646	0	0	0	0	0	SYNERGY	8.26	
107	2	0	0	0	0	0	0	0	0	0	-14.4321	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	-21.1767			
109	0.5	-1.0319	0	0	0	0	0	0	0	0	-6.1338	ANTAGONISM	-42.77	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0		-1.0121	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.0391	0.0781	0.1563	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	7.38498	0	0	0	0	0	SYNERGY	7.38	
117	2	0	0	0	0	0	0	0	0	0	-9.76723	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	-19.9582			
119	0.5	-0.07297	0	0	0	0	0	0	0	0	-2.77394	ANTAGONISM		-32.57
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: TFV (uM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7464	1.3615	1.7579	1.8375	1.6295	1.8295	1.5586	1.9369	1.8629	1.9538	0.4067	1.4729	
6	2	0.5553	0.8354	1.1829	0.7403	0.4912	1.6007	1.0509	0.6257	1.6133	1.8842	0.3487	1.5138	Average VC
7	1	0.5384	0.5731	0.5157	1.3506	0.5113	0.4731	0.671	0.7042	1.6738	1.8487	0.3239	1.4143	0.346166667
8	0.5	0.355	0.4548	0.4008	0.4778	0.4973	0.4504	1.056	0.7107	0.74	1.7081	0.3511	1.3288	
9	0.25	0.3826	0.3844	0.3684	0.4152	0.4329	0.4985	0.4081	0.5297	1.4007	1.7107	0.3377	1.4037	Average CC
10	0	0.3264	0.3851	0.299	0.3254	0.3128	0.381	0.3765	0.3852	0.6707	1.1062	0.3089	1.4506	1.430683333
11	0	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	0.9841	1.5702	1.2984	1.4039	1.7908	1.7764	1.827	1.9142	1.8662	1.8971	0.278	1.6868	
16	2	0.8605	1.5261	0.4946	0.7314	0.644	0.9991	0.9903	1.7756	1.7131	1.8442	0.366	1.6287	Average VC
17	1	0.7264	1.4203	0.4538	0.5693	0.4661	0.5366	0.6046	0.9196	1.4127	1.3528	0.3202	1.6331	0.337033333
18	0.5	0.5428	0.4901	0.4694	0.4317	0.4525	0.481	0.6513	0.743	0.885	1.3727	0.3579	1.7483	
19	0.25	0.3341	0.4275	0.3789	0.3736	0.4673	0.5198	0.4778	0.6774	0.6577	1.5572	0.3168	1.7354	Average CC
20	0	0.4064	0.39	0.3603	0.3116	0.4273	0.3862	0.9291	0.7215	0.5318	0.7885	0.3833	1.7368	1.69485
21	0	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.8792	1.9382	1.3664	1.1908	1.7829	1.8341	1.8412	1.8866	1.8827	1.7863	0.3623	1.5189	
26	2	0.6126	1.7709	1.2719	1.1129	0.7453	0.7738	0.7903	0.585	1.4607	1.6377	0.3095	1.699	Average VC
27	1	0.4599	0.713	1.0427	0.5128	0.5805	1.1587	0.5536	1.1688	1.0069	1.3018	0.3776	1.6908	0.343516667
28	0.5	0.4427	0.4078	0.5092	0.3987	0.4846	0.5765	0.5889	0.8397	1.1119	1.5033	0.3469	1.923	
29	0.25	0.4356	0.3162	0.4331	0.4208	0.564	0.4276	0.6682	0.6161	0.9718	1.1792	0.3593	1.7911	Average CC
30	0	0.3549	0.3316	0.372	0.3503	0.398	0.3649	0.4656	0.5861	1.5414	1.7814	0.3055	1.8101	1.738816667
31	0	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	95.61	99.58	91.43	92.27	100	100	100	100	100	100			
57	2	26.01	78.33	51.76	40.18	21.59	65.09	48.37	49.68	99.42	100			
58	1	18.25	42.4	24.78	43.07	13.91	28.28	21.57	45.02	83.06	94.01			
59	0.5	7.69	8.63	8.89	7.69	10.85	12.3	35.39	33.02	43.91	94.99			
60	0.25	3.25	2.74	3.86	4.87	11.13	11.18	13.12	20.51	55.29	91.86			
61	0	1.37	2.21	0	0	2.49	2.79	18.38	16.43	43.37	68.79			
62														
63	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	42.61	12.82	33.58	40.18	7.88	17.53	2.23	19.43	16.43	23.29			
67	2	10.87	29.69	35.18	13.46	7.76	44.72	16.48	48.92	18.46	24.8			
68	1	10.18	32.5	22.22	43.35	3.91	26.15	7.62	13.2	37.58	38.69			
69	0.5	7.19	3.54	3.5	4.14	2.79	3.84	26.18	2.88	9.87	26.71			
70	0.25	3.41	4.36	2.28	1.93	4.12	4.47	9.1	4.16	37.87	33.01			
71	0	3.5	2.66	3.6	1.37	5.01	1.11	22.04	12.39	37.6	34.92			
72														
73	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	95.67	95.71	95.61	95.61	95.72	95.73	96.42	96.33	97.51	98.63			
77	2	27.02	27.65	26.01	26.01	27.85	28.07	39.61	38.17	58.1	76.91			
78	1	19.37	20.06	18.25	18.25	20.29	20.53	33.28	31.68	53.7	74.49			
79	0.5	8.95	9.73	7.69	7.69	9.99	10.27	24.66	22.86	47.72	71.19			
80	0.25	4.58	5.39	3.25	3.25	5.66	5.95	21.03	19.15	45.21	69.8			
81	0	2.72	3.55	1.37	1.37	3.83	4.12	19.5	17.57	44.15	69.22			
82														
83	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.06	3.87	-4.18	-3.34	4.28	4.27	3.58	3.67	2.49	1.37	SYNERGY	454.69	
87	2	-1.01	50.68	25.75	14.17	-6.26	37.02	8.76	11.51	41.32	23.09	95% confidence interval	900 - 10	
88	1	-1.12	22.34	6.53	24.82	-6.38	7.75	-11.71	13.34	29.36	19.52			
89	0.5	-1.26	-1.1	1.2	0	0.86	2.03	10.73	10.15	-3.81	23.8	ANTAGONISM	-52.12	
90	0.25	-1.33	-2.65	0.6	1.62	5.47	5.23	-7.91	1.36	10.08	22.06	95% confidence interval	- not significant	
91	0		-1.34	-1.37	-1.37	-1.34	-1.33	-1.12	-1.14	-0.78	-0.43			
92														
93	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	9.65	
97	2	0	0	0	0	0	0	0	0	5.1384	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	0	0	4.5152	0	ANTAGONISM	0	
100	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	2.76	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	2.7584	0	0	ANTAGONISM	0	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0.68	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0.68192	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/mL)			MacSynergy™ II					Horizontal Drug:		d4T (uM)		
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7578	1.9815	1.8887	1.9358	1.8096	1.8568	2.0367	1.841	2.0432	1.9699	0.3287	2.0322	
6	2	1.0013	0.6603	0.6191	0.9919	0.5409	1.2492	1.6256	1.8204	1.9955	1.8862	0.2745	1.9079	Average VC
7	1	0.4044	0.3876	0.3675	0.4428	0.4079	1.191	1.5915	1.1085	1.8767	1.4906	0.239	1.9381	0.2711
8	0.5	0.3794	0.3951	0.3281	0.3666	0.4707	0.4291	0.4909	1.0615	1.4688	1.5056	0.2657	2.2777	
9	0.25	0.3888	0.3224	0.3827	0.3362	0.3437	0.3981	0.6418	0.7258	1.0041	1.5921	0.2683	1.9291	Average CC
10	0	0.362	0.2471	0.3132	0.2416	0.2631	0.4579	0.6342	1.0308	1.495	2.0269	0.2504	1.894	1.9965
11	0	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.0601	0.8541	1.9545	1.7925	1.9908	1.8324	2.0209	1.6038	1.9429	1.9142	0.3266	1.8911	
16	2	0.4985	1.0483	1.4445	1.3054	1.1334	0.9823	1.9212	1.3241	1.7577	1.8394	0.2467	1.8744	Average VC
17	1	0.363	0.3507	0.4232	0.507	0.5199	0.6784	1.7376	1.2484	1.876	1.4832	0.2627	1.8313	0.251116667
18	0.5	0.288	0.3286	0.329	0.2911	0.3665	0.6603	0.5997	1.5676	1.2596	1.4812	0.2233	2.136	
19	0.25	0.3683	0.2785	0.3916	0.4364	0.5041	0.469	1.4043	1.1632	1.3964	1.5527	0.2224	1.8203	Average CC
20	0	0.3884	0.3563	0.3373	0.4218	0.3275	0.3051	0.3203	0.7838	1.2636	1.9494	0.225	1.7858	1.889816667
21	0	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	0.9364	1.7866	1.4994	1.8978	1.9845	1.4685	2.0776	1.7014	1.9624	1.9243	0.3024	1.7648	
26	2	0.4028	1.1135	1.1354	1.1804	1.6546	1.0817	1.4987	1.8213	1.7344	1.8621	0.2392	1.8093	Average VC
27	1	0.4224	0.4241	0.3658	0.3356	0.9715	1.0377	0.8433	1.7675	1.8477	1.564	0.2429	1.8154	0.237383333
28	0.5	0.3018	0.3639	0.4811	0.3751	0.3433	0.4238	1.4815	1.2477	1.5858	1.4699	0.2037	2.0484	
29	0.25	0.3237	0.2882	0.3228	0.288	0.3548	0.4414	0.661	1.5221	1.2595	1.5696	0.2127	1.8163	Average CC
30	0	0.2716	0.2696	0.2806	0.2335	0.2434	0.4969	0.4186	0.8005	1.1446	2.0092	0.2234	1.8369	1.848516667
31	0	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	69.64	77.36	92.01	97.87	100	88.27	100	88.13	100	100			
57	2	22.56	41.86	49.58	54.88	52.48	51.24	86.24	84.53	94.93	97.12			
58	1	8.68	8.14	8.02	10.55	23.3	43.02	68.28	68.12	97.39	76.07			
59	0.5	4.18	6.59	7.73	5.51	8.39	15.23	37.08	62.95	71.55	74.57			
60	0.25	6.44	2.6	6.78	6.07	8.98	11.11	37.31	53.92	58.6	79.56			
61	0	5.26	2.34	3.46	2.82	1.52	10.08	12.17	37.16	63.01	100			
62														
63	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	23.17	35.16	12.9	4.66	10.53	10.52	5.95	4.84	2.38	3.12			
67	2	17.28	16.96	26.86	11.71	36.18	6.12	13.58	17.04	4.37	3.62			
68	1	2.47	3.01	2.46	4.79	19.74	14.79	27.49	24.06	3.77	5.88			
69	0.5	2.02	1.65	6.45	3.05	2.76	8.52	35.03	17.26	11.23	2.65			
70	0.25	0.95	0.81	1.66	4.54	5.8	3.26	28.64	26.74	14.33	3.07			
71	0	3.13	3.92	1.56	6.62	2.75	6.44	8.45	6.07	7.39	4.3			
72														
73	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	61.76	60.58	61.04	60.78	60.25	63.71	64.55	74.64	85.07	100			
77	2	26.63	24.37	25.24	24.74	23.74	30.37	31.98	51.34	71.35	100			
78	1	13.48	10.82	11.84	11.26	10.07	17.89	19.79	42.61	66.22	100			
79	0.5	9.22	6.42	7.5	6.88	5.64	13.84	15.84	39.78	64.56	100			
80	0.25	11.36	8.63	9.68	9.08	7.86	15.87	17.83	41.21	65.39	100			
81	0	10.24	7.48	8.54	7.93	6.7	14.81	16.79	40.47	64.96	100			
82														
83	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT		
84	0													
85	0						#VALUE!						SYNERGY	678.4
86	4	-2.12	16.78	30.97	37.09	39.75	24.56	35.45	13.49	14.93	0		95% confidence interval	1180 - 177
87	2	-4.07	17.49	24.34	30.14	28.74	20.87	54.26	33.19	23.58	-2.88			
88	1	-4.8	-2.68	-3.82	-0.71	13.23	25.13	48.49	25.51	31.17	-23.93			
89	0.5	-5.04	0.17	0.23	-1.37	2.75	1.39	21.24	23.16	6.99	-25.43		ANTAGONISM	-125.7
90	0.25	-4.92	-6.03	-2.9	-3.01	1.12	-4.76	19.48	12.71	-8.79	-20.44		95% confidence interval	-55 - -196
91	0		-5.14	-5.08	-5.11	-5.18	-4.73	-4.62	-3.31	-1.95	0			
92														
93	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	-
95	0						#VALUE!							
96	4	0	0	5.686	27.9564	19.1112	3.9408	23.788	4.0036	10.2652	0		SYNERGY	177.25
97	2	0	0	0	7.1884	0	8.8748	27.6432	0	15.0148	0		log volume	#VALUE!
98	1	0	0	0	0	0	0	0	0	23.7808	-12.4052			
99	0.5	-1.0808	0	0	0	0	0	0	0	0	-20.236		ANTAGONISM	-55.65
100	0.25	-3.058	-4.4424	0	0	0	0	0	0	0	-14.4228		log volume	#VALUE!
101	0	0	0	-2.0224	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	68%
105	0						#VALUE!							
106	4	0	0	0	25.1138	12.6879	0	20.1585	1.0512	8.8134	0		SYNERGY	126.2
107	2	0	0	0	0.0453	0	5.1416	19.3594	0	12.3491	0		log volume	#VALUE!
108	1	0	0	0	0	0	0	0	0	21.4811	-8.8184			
109	0.5	0	0	0	0	0	0	0	0	0	-18.6195		ANTAGONISM	-46.41
110	0.25	-2.4785	-3.9483	0	0	0	0	0	0	0	-12.5501		log volume	#VALUE!
111	0	0	0	-1.0708	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0						#VALUE!							
116	4	0	0	0	21.7539	5.09577	0	15.8686	0	7.09742	0		SYNERGY	88.07
117	2	0	0	0	0	0	0.72908	9.56822	0	9.19833	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	18.7629	-4.57892			
119	0.5	0	0	0	0	0	0	0	0	0	-16.7088	ANTAGONISM		-36.78
120	0.25	-1.79355	-3.36429	0	0	0	0	0	0	0	-10.3366	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: d4T (uM)				
3														REPLICATE 1
4														enter data
5	4	1.3941	1.4881	1.5083	1.2142	1.6398	1.2786	1.6117	1.3388	1.6645	1.6563	0.3443	1.7039	
6	2	0.4064	0.5897	0.7101	0.3755	0.587	0.5472	0.7111	1.1278	1.6272	1.395	0.3015	1.6687	Average VC
7	1	0.4808	0.3521	0.4233	0.8648	0.4988	0.4256	0.5072	0.8904	1.5743	1.9471	0.2534	1.6737	0.290433333
8	0.5	0.46	0.3616	0.3743	0.589	0.4079	0.4144	0.4207	0.7019	2.1731	1.7157	0.3128	1.9074	
9	0.25	0.4899	0.3066	0.3251	0.4336	0.3361	0.4964	0.4582	0.4776	0.8533	2.0599	0.2523	1.588	Average CC
10	0	0.3615	0.267	0.3182	0.324	0.2796	0.3001	0.5392	0.6132	0.649	1.3694	0.2783	1.7455	1.714533333
11	0	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	cc	
12														
13														REPLICATE 2
14														enter data
15	4	1.0071	1.3813	0.7305	1.4607	1.5865	1.0367	1.6088	1.3491	1.5128	1.6908	0.2623	1.6597	
16	2	0.6128	0.6753	1.428	0.492	1.1723	0.6528	1.4193	1.4905	1.3685	1.8095	0.265	1.6577	Average VC
17	1	0.6088	0.475	0.4091	0.4101	0.359	0.4915	0.5949	0.9907	1.7918	1.2861	0.2897	1.4963	0.269233333
18	0.5	0.4737	0.2944	0.3527	0.589	0.5471	0.4728	0.4234	0.6101	2.3219	2.1843	0.2578	1.7342	
19	0.25	0.4649	0.3245	0.3582	0.3075	0.3738	0.6465	0.4624	0.6683	1.7265	1.5386	0.289	1.3451	Average CC
20	0	0.2899	0.2542	0.2667	0.3005	0.2953	0.2884	0.4929	0.4329	0.9356	1.3515	0.2516	1.5908	1.580633333
21	0	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	cc	
22														
23														REPLICATE 3
24														enter data
25	4	1.0699	0.6396	1.588	1.5626	1.5131	1.552	1.5852	1.4703	1.5931	1.6093	0.2911	1.7816	
26	2	0.4555	0.4409	0.9908	0.4414	0.4425	0.5318	1.0014	1.5556	1.2286	1.7212	0.2765	1.8612	Average VC
27	1	0.5889	0.4392	0.3165	0.367	0.3606	0.5301	0.4692	1.3223	2.0611	1.5203	0.2644	1.858	0.279783333
28	0.5	0.4972	0.2809	0.3616	0.56	0.5298	0.3892	0.5279	0.7164	2.3544	1.3895	0.2793	1.8341	
29	0.25	0.4776	0.3105	0.2925	0.3548	0.3657	0.5096	0.4172	0.4719	1.4664	1.4687	0.2836	1.7795	Average CC
30	0	0.2818	0.2624	0.2719	0.3058	0.2664	0.3718	0.3827	0.6543	1.0821	1.5695	0.2838	1.6799	1.799066667
31	0	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	cc	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	cc	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	61.92	64	68.93	80.05	92.13	70.65	93.62	78.11	92.59	97.27			
57	2	16.3	18.32	54.88	11.2	33.47	21.29	64.91	78.63	80.05	96.63			
58	1	19.87	10.17	7.47	18.94	8.93	14.31	17.51	55.25	100	91.84			
59	0.5	13.94	2.33	5.88	21.26	15.3	10.48	12.41	27.87	100	100			
60	0.25	13.98	2.46	3.35	5.97	5.61	19.45	11.85	18.74	76.25	99.77			
61	0	2.23	0	0.41	2.15	0.12	2.73	13.77	17.74	42.93	81.06			
62														
63	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	13.66	35.43	28.24	13.54	9.9	12.65	8.14	4.37	5.38	10.51			
67	2	9.59	6.78	30.27	5.53	31.07	6.93	29.78	17.78	16.04	20			
68	1	6.28	5.69	4.43	18.7	4.99	4.18	6.49	13.25	15.12	21.31			
69	0.5	1.87	2.49	0.49	2.98	6.55	4.43	3.64	1.63	12.97	36.9			
70	0.25	0.95	1.59	3.08	3.68	2.38	8.07	2.84	10.13	35.84	23.14			
71	0	2.49	0.29	1.34	0.38	1.62	2.91	6.06	5.1	15.41	4.74			
72														
73	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	62.77	61.92	62.08	62.74	61.97	62.96	67.16	68.68	78.27	92.79			
77	2	17.19	15.3	15.65	17.12	15.4	17.61	26.96	30.33	51.66	83.96			
78	1	21.66	19.87	20.2	21.59	19.97	22.06	30.9	34.09	64.27	84.82			
79	0.5	15.86	13.94	14.29	15.79	14.04	16.29	25.79	29.21	50.89	83.7			
80	0.25	15.9	13.98	14.33	15.83	14.08	16.33	25.82	29.24	50.91	83.71			
81	0	4.41	2.23	2.63	4.33	2.35	4.9	16.69	19.57	44.2	81.48			
82														
83	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	490.56	
86	4	-0.85	2.08	6.85	17.31	30.16	7.59	26.46	9.43	14.32	4.48	95% confidence interval	902 - 79	
87	2	-1.89	3.02	39.23	-5.92	18.07	3.68	27.95	48.3	28.39	12.67			
88	1	-1.79	-9.7	-12.73	-2.66	-11.04	-7.76	-13.39	21.16	45.73	7.02			
89	0.5	-1.92	-11.61	-8.41	5.47	1.26	-5.81	-13.38	-1.34	49.11	16.3	ANTAGONISM	-177.4	
90	0.25	-1.92	-11.52	-10.98	-9.86	-8.47	3.12	-13.97	-10.5	25.34	16.06	95% confidence interval	-55 - -300	
91	0		-2.23	-2.22	-2.18	-2.23	-2.17	-1.92	-1.83	-1.27	-0.42			
92														
93	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	10.766	0	10.5056	0.8648	3.7752	0	SYNERGY	79.14	
97	2	0	0	0	0	0	0	0	13.4512	0	0	log volume	#VALUE!	
98	1	0	0	-4.0472	0	-1.2596	0	-0.6696	0	16.0948	0			
99	0.5	0	-6.7296	-7.4496	0	0	0	-6.2456	0	23.6888	0	ANTAGONISM	-54.66	
100	0.25	-0.058	-8.4036	-4.9432	-2.6472	-3.8052	0	-8.4036	0	0	0	log volume	#VALUE!	
101	0		-1.6616	0	-1.4352	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	4.717	0	5.5402	0	0.4934	0	SYNERGY	36	
107	2	0	0	0	0	0	0	0	2.6054	0	0	log volume	#VALUE!	
108	1	0	0	-1.3449	0	0	0	0	0	6.8716	0			
109	0.5	0	-5.2107	-7.1607	0	0	0	-4.0252	0	15.7771	0	ANTAGONISM	-37.66	
110	0.25	0	-7.4337	-3.0644	-0.4024	-2.3534	0	-6.6712	0	0	0	log volume	#VALUE!	
111	0		-1.4847	0	-1.2034	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	6.43	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	-3.41541	-6.79741	0	0	0	-1.40076	0	6.42573	0	ANTAGONISM		-24.01
120	0.25	0	-6.28731	-0.84372	0	-0.63742	0	-4.62356	0	0	0	log volume		#VALUE!
121	0		-1.27661	0	-0.92942	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:		Fullerene (ug/mL)		MacSynergy™ II					Horizontal Drug:		ABV (uM)		
3														REPLICATE 1
4														enter data
5	4	1.2243	1.605	1.5123	1.6344	1.7534	1.8907	1.7486	1.8967	1.9502	1.7302	0.4811	1.6144	
6	2	1.2017	2.1679	2.2843	1.1405	1.1475	1.0617	1.4153	1.436	1.7988	1.5177	0.4472	1.7567	Average VC
7	1	0.6062	2.6038	1.7705	0.6658	0.8817	1.0604	1.2834	1.6795	1.7185	1.5019	0.5099	1.7594	0.47015
8	0.5	0.4661	1.2825	1.5444	1.0589	0.7913	1.727	1.169	1.505	1.9822	2.0011	0.5327	1.4586	
9	0.25	0.6662	0.8311	0.8762	0.825	0.687	0.9113	1.5803	1.2989	1.9577	1.7406	0.3674	1.8732	Average CC
10	0	0.4745	0.5489	0.7144	0.5438	0.7067	0.6001	0.8746	0.8857	1.5758	1.7087	0.4826	2.1381	1.766733333
11	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	vc	cc	
12														
13														REPLICATE 2
14														enter data
15	4	1.5867	1.691	1.6367	1.6895	1.486	1.7659	1.6607	1.9254	1.9613	1.5581	0.6077	1.9334	
16	2	0.7055	2.2001	2.0624	1.8178	1.4705	1.2157	1.7109	1.4167	1.5127	1.4182	0.4876	1.6897	Average VC
17	1	0.5427	1.0967	1.5189	0.7393	0.884	1.2598	1.8201	1.5862	2.3894	1.5577	0.508	1.7617	0.479183333
18	0.5	0.6255	1.2998	1.5448	1.1949	1.4343	1.2783	1.2431	1.2671	1.5281	1.9686	0.4144	2.1338	
19	0.25	0.4622	0.9293	1.331	0.6192	0.816	0.9175	1.1048	1.5745	1.5908	1.6614	0.5044	2.0063	Average CC
20	0	0.5472	0.4914	0.8185	0.6111	0.7056	0.5335	1.2337	1.485	1.8286	1.6862	0.453	1.7562	1.880016667
21	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	vc	cc	
22														
23														REPLICATE 3
24														enter data
25	4	1.1205	1.6072	1.5538	1.6421	1.6443	1.8603	1.7849	1.8644	1.9053	1.6893	0.538	1.8721	
26	2	0.715	1.1004	1.9773	0.8499	1.5587	1.3314	2.2426	1.3276	1.4106	1.5466	0.5858	1.8768	Average VC
27	1	0.6067	1.1537	1.6434	1.7408	0.4309	0.9881	0.8853	1.486	1.6062	1.6051	0.5353	1.7972	0.532716667
28	0.5	0.4694	1.0341	1.2662	0.5591	1.0584	1.8293	0.9662	1.3744	1.6302	2.013	0.5056	1.929	
29	0.25	0.5611	0.6734	1.2039	0.6625	1.2518	1.6677	1.5688	1.3078	1.9627	1.7365	0.5084	1.7969	Average CC
30	0	0.5846	0.4972	0.6953	0.5944	0.6642	0.7816	0.8861	0.9322	1.4833	1.7133	0.5232	1.7324	1.834066667
31	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	60.8	85.53	80.49	87.15	85.42	100	93.53	100	100	87.69			
57	2	28.86	99.14	121.31	57.21	67.28	53.19	97.41	67.5	81.24	75.25			
58	1	6.9	85.45	86.62	42.16	17.61	45.41	61.85	81.85	100	79.66			
59	0.5	1.76	53.26	71.76	32.84	44.45	84.54	47.25	66.91	91.94	100			
60	0.25	5.36	23.59	47.9	15.78	32.01	50.84	69.97	67.25	100	91.63			
61	0	3.06	1.41	18.52	6.61	14.84	11.01	37.4	44.85	84.88	90.8			
62														
63	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	17.1	2.62	2.09	2.36	13.55	8.86	6.82	4.2	4.92	10.13			
67	2	23.89	48.25	16.14	35.91	13.64	7.89	30.39	6.72	18.66	7.26			
68	1	3.16	68.53	13.08	43.92	22.07	10.37	34.32	10.3	27.99	2.71			
69	0.5	7.86	12.91	13.76	26.84	21.99	23.85	12.07	11.94	21.89	5.94			
70	0.25	8.62	11.28	15.09	10.04	20.46	31.63	22.12	9.73	19.18	6.84			
71	0	2.4	4.43	5.87	2.47	4.23	7.67	14.4	23.35	11.65	4.68			
72														
73	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	62	61.35	68.06	63.39	66.62	65.12	75.46	78.38	94.07	96.39			
77	2	31.04	29.86	42.04	33.56	39.42	36.69	55.47	60.77	89.24	93.46			
78	1	9.76	8.21	24.14	13.05	20.72	17.15	41.72	48.66	85.92	91.43			
79	0.5	4.77	3.15	19.95	8.25	16.34	12.58	38.5	45.82	85.15	90.96			
80	0.25	8.26	6.69	22.89	11.62	19.4	15.78	40.76	47.81	85.69	91.29			
81	0	6.03	4.43	21.01	9.47	17.46	13.73	39.32	46.54	85.34	91.08			
82														
83	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-1.2	24.18	12.43	23.76	18.8	34.88	18.07	21.62	5.93	-8.7			
87	2	-2.18	69.28	79.27	23.65	27.86	16.5	41.94	6.73	-8	-18.21			
88	1	-2.85	77.24	62.48	29.11	-3.11	28.26	20.13	33.19	14.08	-11.77			
89	0.5	-3.01	50.1	51.81	24.59	28.11	71.96	8.75	21.09	6.79	9.04			
90	0.25	-2.9	16.9	25.01	4.16	12.61	35.06	29.21	19.44	14.31	0.34			
91	0		-3.02	-2.49	-2.86	-2.61	-2.72	-1.92	-1.69	-0.46	-0.28			
92														
93	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	19.0448	8.3336	19.1344	0	17.5144	4.7028	13.388	0	0			
97	2	0	0	47.6356	0	1.1256	1.0356	0	0	0	-3.9804			
98	1	0	0	36.8432	0	0	7.9348	0	13.002	0	-6.4584			
99	0.5	0	24.7964	24.8404	0	0	25.214	0	0	0	0			
100	0.25	0	0	0	0	0	0	0	0.3692	0	0			
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	17.4466	7.0587	17.6948	0	12.1098	0.5426	10.826	0	0			
107	2	0	0	37.7902	0	0	0	0	0	0	0			
108	1	0	0	28.8644	0	0	1.6091	0	6.719	0	-4.8053			
109	0.5	0	16.9213	16.4468	0	0	10.6655	0	0	0	0			
110	0.25	0	0	0	0	0	0	0	0	0	0			
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	15.5576	5.55181	15.9932	0	5.72174	0	7.7978	0	0			
117	2	0	0	26.1533	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	19.4337	0	0	0	0	0	0	-2.85139			
119	0.5	0	7.61319	6.52584	0	0	0	0	0	0	0	ANTAGONISM		-2.85
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/mL)			MacSynergy™ II					Horizontal Drug:		ABV (uM)		
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.5197	1.6202	0.9977	1.468	1.5433	1.5876	1.604	1.612	1.5794	1.6546	0.302	1.8409	
6	2	0.3725	0.7045	0.3755	0.7804	0.962	0.539	1.554	0.8418	1.5195	1.6425	0.2851	1.783	<u>Average VC</u>
7	1	0.3685	0.4198	0.3445	0.5444	0.4605	0.5784	0.3977	0.9529	1.3401	1.3353	0.2738	1.4969	0.289183333
8	0.5	0.3561	0.4255	0.3497	0.6428	0.3578	0.4448	0.4797	0.6089	0.7736	1.1345	0.302	1.5289	
9	0.25	0.3674	0.3086	0.3251	0.3049	0.3823	0.4462	0.4837	1.102	0.7922	1.1888	0.2709	1.662	<u>Average CC</u>
10	0	0.2885	0.251	0.2736	0.3093	0.3616	0.2759	0.378	0.4751	0.6259	1.6709	0.3013	1.4744	1.631016667
11	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.4032	1.0723	1.4575	1.3865	1.1997	1.5271	1.5877	1.598	1.6111	1.5997	0.2556	1.7109	
16	2	0.3961	0.4857	0.4423	1.2317	0.5515	1.4754	1.4723	1.0536	1.5062	1.456	0.2357	1.6761	<u>Average VC</u>
17	1	0.3813	0.4058	0.3825	0.4435	0.4479	0.4679	0.4437	1.1312	1.3751	1.4194	0.2677	1.6637	0.250933333
18	0.5	0.4149	0.3741	0.3348	0.6134	0.3712	0.7584	0.3845	0.8069	1.2041	1.0912	0.2452	1.856	
19	0.25	0.3134	0.3192	0.3383	0.3376	0.3694	0.5209	0.663	0.4726	0.7909	1.0783	0.2347	1.6055	<u>Average CC</u>
20	0	0.3222	0.2926	0.2723	0.3036	0.328	0.2876	0.4199	0.434	0.8173	1.54	0.2667	1.5726	1.6808
21	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.67	0.4839	1.6969	1.6588	1.579	1.5488	1.459	1.6243	1.6699	1.6238	0.2684	1.9436	
26	2	0.3621	0.4046	0.4095	0.3738	0.6361	0.6676	0.6209	1.0123	1.5894	1.6717	0.2544	1.7764	<u>Average VC</u>
27	1	0.3148	0.3951	0.401	0.5052	0.4415	0.5868	0.5033	1.8899	1.6281	1.6904	0.231	1.7695	0.248216667
28	0.5	0.4513	0.3649	0.3428	0.4564	0.4317	0.4701	0.52	1.1266	1.6422	1.4098	0.2157	1.8734	
29	0.25	0.308	0.3297	0.4337	0.4088	0.3906	0.397	0.4368	0.5652	1.7149	1.3917	0.2668	1.7419	<u>Average CC</u>
30	0	0.2951	0.2758	0.2709	0.2926	0.3038	0.2731	0.7244	0.4776	0.5485	1.0483	0.253	1.706	1.8018
31	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	87.94	57.27	74.67	86.02	81.83	89.91	89.8	93.79	94.26	94.88			
57	2	7.9	19.15	10.07	37.76	32.04	43.75	67.89	48.83	88.6	92.25			
58	1	6.44	10.01	7.72	16.34	12.99	19.51	12.66	72.23	81.92	82.02			
59	0.5	9.84	8.76	5.49	21.7	8.45	20.46	13.68	39.75	64.16	65.51			
60	0.25	4.64	3.82	6.91	5.86	8.13	13.39	18.48	32.16	56.55	66.17			
61	0	2.65	0.61	0.6	2.68	4.79	1.06	16.36	13.81	28.01	61.54			
62														
63	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	6.37	42.01	18.97	6.91	13.96	6.65	10.52	5.02	2.44	6.62			
67	2	2.03	10.71	3.49	30.27	15.8	36.52	38.28	7.48	2.77	8.31			
68	1	2.46	0.73	3.13	2.78	0.7	3.75	4.23	29.68	5.98	4.22			
69	0.5	4.28	1.33	0.85	7.21	3.35	13.09	4.1	16.37	26.9	8.29			
70	0.25	1.08	2.07	4.68	4.59	1.12	4.88	9.03	24.73	32.78	7.91			
71	0	2.54	3.05	1.52	1.1	1.05	1.84	12.64	0.98	10.45	26.8			
72														
73	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	88.26	88.01	88.01	88.26	88.52	88.07	89.91	89.61	91.32	97.77			
77	2	10.34	8.46	8.45	10.37	12.31	8.88	22.97	20.62	33.7	83			
78	1	8.92	7.01	7	8.95	10.92	7.43	21.75	19.36	32.66	82.73			
79	0.5	12.23	10.39	10.38	12.26	14.16	10.8	24.69	22.29	35.09	83.36			
80	0.25	7.17	5.22	5.21	7.2	9.21	5.65	20.24	17.81	31.35	82.4			
81	0	5.23	3.24	3.23	5.26	7.31	3.68	18.68	16.09	29.92	82.03			
82														
83	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.32	-30.74	-13.34	-2.24	-6.69	1.84	-0.11	4.18	2.94	-2.89	95% confidence	856 - 110	
87	2	-2.44	10.69	1.62	27.39	19.73	34.87	44.92	28.21	64.9	9.25	interval		
88	1	-2.48	3	0.72	7.39	2.07	12.08	-9.09	52.87	49.27	-0.71			
89	0.5	-2.39	-1.63	-4.89	9.44	-5.71	9.66	-10.91	17.46	29.07	-17.85	ANTAGONISM	-138.77	
90	0.25	-2.53	-1.4	1.7	-1.34	-1.08	7.74	-1.76	14.35	25.2	-16.23	95% confidence	-10 - -268	
91	0		-2.63	-2.63	-2.58	-2.52	-2.62	-2.22	-2.28	-1.91	-0.49	interval		
92														
93	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	109.51	
97	2	0	0	0	0	0	0	0	13.5492	49.4708	0	log volume	#VALUE!	
98	1	0	1.6692	0	1.9412	0.698	4.73	-0.7992	0	37.6492	0			
99	0.5	0	0	-3.224	0	0	0	-2.874	0	0	-1.6016	ANTAGONISM	-9.64	
100	0.25	-0.4132	0	0	0	0	0	0	0	0	-0.7264	log volume	#VALUE!	
101	0	0	0	0	-0.424	-0.462	0	0	-0.3592	0	0			
102														
103	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	94.75	
107	2	0	0	0	0	0	0	0	8.9864	47.7811	0	log volume	#VALUE!	
108	1	0	1.1239	0	0.2454	0.271	2.4425	0	0	33.9014	0			
109	0.5	0	0	-2.7055	0	0	0	-0.373	0	0	0	ANTAGONISM	-3.08	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	79.56	
117	2	0	0	0	0	0	0	0	3.59332	45.7839	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	7	0	0.59767	0	0	0	0	0	0	29.5898	0			
119	0.5	0	0	-2.09265	0	0	0	0	0	0	0	ANTAGONISM		-2.09
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: RAL (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.5342	1.5261	2.0111	1.8367	1.6781	1.9148	1.3771	1.9049	2.0563	1.5202	0.1852	2.0534	
6	2	0.4917	0.7568	0.3897	0.6081	0.8405	1.4118	1.8819	0.961	1.9505	1.6152	0.2812	2.137	<u>Average VC</u>
7	1	0.2719	0.3221	0.6993	0.3455	0.704	0.4536	0.7301	0.9326	1.3558	1.7376	0.2616	1.8724	0.2423
8	0.5	0.2895	0.3215	0.377	0.301	0.3078	0.314	0.3511	0.7858	1.8067	1.6412	0.232	2.0177	
9	0.25	0.2815	0.2964	0.3304	0.2778	0.2691	0.3366	0.3183	0.6585	0.8443	1.6376	0.2661	1.9147	<u>Average CC</u>
10	0	0.2806	0.2835	0.2865	0.2181	0.279	0.3135	0.3107	0.4188	2.025	1.9994	0.2277	1.6258	1.920166667
11	0	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.6764	1.4371	1.758	1.8571	1.8272	1.7327	1.9313	1.9113	1.9417	1.8529	0.2038	2.0711	
16	2	0.8226	0.9186	0.3697	1.2537	1.1086	1.0568	0.4274	1.8784	1.9281	1.5169	0.2252	2.0418	<u>Average VC</u>
17	1	0.3202	0.4315	0.5689	0.8016	0.3724	0.3779	0.3326	1.713	1.6985	1.6421	0.2353	2.054	0.23485
18	0.5	0.6069	0.3046	0.2917	0.2781	0.3406	0.7228	0.4658	1.2912	1.7779	1.5333	0.2037	2.1429	
19	0.25	0.2965	0.368	0.3023	0.304	0.3446	0.393	0.4741	0.641	1.4365	1.9427	0.2784	1.8944	<u>Average CC</u>
20	0	0.2262	0.2379	0.2905	0.2876	0.2728	0.7165	0.7184	1.1745	1.5263	2.0004	0.2627	1.9001	2.017383333
21	0	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.7456	0.9352	1.9659	1.8232	1.8449	2.0516	1.9492	1.89	2.0117	1.9609	0.2266	2.0542	
26	2	1.3268	1.4379	1.9762	0.8352	0.4451	0.6567	1.86	1.7205	1.7579	1.5248	0.2652	1.9812	<u>Average VC</u>
27	1	0.3835	0.6107	0.5666	0.3024	0.2738	0.3742	0.6345	0.8589	1.5794	1.6891	0.2589	2.0025	0.2629
28	0.5	0.2678	0.3827	0.3306	0.2772	0.3145	0.413	0.4736	0.8958	1.8245	1.1871	0.2164	2.2412	
29	0.25	0.2636	0.2866	0.4297	0.3942	0.3158	0.5445	0.411	1.3248	1.9426	1.6452	0.2727	1.9545	<u>Average CC</u>
30	0	0.3059	0.2884	0.2558	0.2659	0.295	0.2941	0.3387	1.3261	1.8209	2.0252	0.3366	1.9762	2.034966667
31	0	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	80.51	60.63	95.66	91.36	88.06	94.88	85.99	94.99	100	87.59			
57	2	35.96	45.11	37.68	37.08	31.65	46.01	66.22	72.43	93.72	74.99			
58	1	4.45	11.8	21.04	13.47	11.95	8.97	18.51	52.57	74.26	80.97			
59	0.5	7.99	5.13	5.01	2.24	4.25	13.37	10.44	42.46	89.31	69.46			
60	0.25	1.94	3.82	6.15	4.47	3.58	10.13	8.77	35.84	66.03	85.66			
61	0	1.41	1.36	1.79	0.56	2.04	11.01	11.83	41.08	88.87	100			
62														
63	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	3.35	20.17	9.99	3.5	2.15	9.42	15.9	3.72	6.46	10.21			
67	2	22.73	18.76	51.1	18.16	19.68	23.74	48.14	26.11	8.79	5.93			
68	1	2.54	7.47	5.43	16	13.94	3.26	11.99	26.56	7.87	7.35			
69	0.5	11.23	1.47	2.63	1.35	1.54	12.31	3.47	14.65	3.49	15.88			
70	0.25	1.74	2.83	2.92	2.7	2.34	5.25	4.46	20.88	29.48	9.16			
71	0	1.64	1.14	1.91	2.23	0.2	13.92	13.25	26.71	16.92	3.17			
72														
73	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	80.78	80.78	80.86	80.62	80.91	82.66	82.82	88.52	97.83	100			
77	2	36.86	36.83	37.11	36.32	37.27	43.01	43.54	62.27	92.87	100			
78	1	5.8	5.75	6.16	4.99	6.4	14.97	15.75	43.7	89.37	100			
79	0.5	9.29	9.24	9.64	8.61	9.87	18.12	18.87	45.79	89.76	100			
80	0.25	3.32	3.27	3.7	2.49	3.94	12.74	13.54	42.22	89.09	100			
81	0	2.8	2.75	3.17	1.96	3.42	12.26	13.07	41.91	89.03	100			
82														
83	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	154.59	
86	4	-0.27	-20.15	14.8	10.74	7.15	12.22	3.17	6.47	2.17	-12.41	95% confidence interval	298 - 11	
87	2	-0.9	8.28	0.57	0.76	-5.62	3	22.68	10.16	0.85	-25.01			
88	1	-1.35	6.05	14.88	8.48	5.55	-6	2.76	8.87	-15.11	-19.03			
89	0.5	-1.3	-4.11	-4.63	-6.27	-5.62	-4.75	-8.43	-3.33	-0.45	-30.54	ANTAGONISM	-228.18	
90	0.25	-1.38	0.55	2.45	1.98	-0.36	-2.61	-4.77	-6.38	-23.06	-14.34	95% confidence interval	-27 - -429	
91	0		-1.39	-1.38	-1.4	-1.38	-1.25	-1.24	-0.83	-0.16	0			
92														
93	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	3.88	2.936	0	0	0	0	0	SYNERGY	11.05	
97	2	0	0	0	0	0	0	0	0	0	-13.3872	log volume	#VALUE!	
98	1	0	0	4.2372	0	0	0	0	0	0	-4.624			
99	0.5	0	-1.2288	0	-3.624	-2.6016	0	-1.6288	0	0	0	ANTAGONISM	-27.09	
100	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	-0.988	0	0	0	0	0			
102														
103	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	1.745	1.6245	0	0	0	0	0	SYNERGY	4.29	
107	2	0	0	0	0	0	0	0	0	0	-9.7699	log volume	#VALUE!	
108	1	0	0	0.9249	0	0	0	0	0	0	-0.1405			
109	0.5	0	-0.3321	0	-2.8005	-1.6622	0	0	0	0	0	ANTAGONISM	-14.71	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	-0.866	0	0	0	0	0			
112														
113	[DRUG]	0	0.0586	0.1172	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0.07435	0	0	0	0	0	SYNERGY	0.07	
117	2	0	0	0	0	0	0	0	0	0	-5.49437	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	-1.82715	-0.55186	0	0	0	0	0	ANTAGONISM		-7.87
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	-0.7218	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: RAL (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.6748	1.169	1.7384	1.5105	1.3435	1.6999	0.9876	1.7714	1.836	1.5489	0.2697	1.7478	
6	2	0.5948	0.6292	0.9525	0.528	0.7637	0.4941	1.1701	0.8113	1.7315	1.4843	0.3232	1.749	Average VC
7	1	0.5171	0.6122	0.628	0.9291	0.48	0.5288	0.7554	1.6537	1.5682	1.3638	0.2707	1.3994	0.28555
8	0.5	0.3718	0.507	0.4703	0.4947	0.5425	0.4199	0.556	0.7478	1.449	1.4623	0.2621	1.2061	
9	0.25	0.3669	0.4006	0.5343	0.416	0.451	0.3525	0.5765	1.4589	1.367	1.4374	0.3295	1.6089	Average CC
10	0	0.3176	0.3416	0.356	0.3216	0.3601	0.3184	0.4542	1.523	1.6623	1.4681	0.2581	1.6729	1.564016667
11	0	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.4852	1.6095	1.7752	1.7136	1.4793	1.6678	1.7841	1.7834	1.8374	1.4738	0.2883	1.79	
16	2	0.456	0.6138	0.6565	0.9572	0.9043	0.6249	1.8148	1.6487	1.7514	1.4457	0.2583	1.7685	Average VC
17	1	0.4732	0.5788	0.7093	0.5908	0.5624	0.6104	0.9123	1.4857	1.4833	1.4352	0.2748	1.7311	0.27375
18	0.5	0.3841	0.5422	0.4744	0.6439	0.4848	0.4571	0.8117	1.0729	1.3078	1.4348	0.2517	1.8562	
19	0.25	0.3381	0.4005	0.4264	0.4081	0.6131	0.3654	0.4998	0.9639	1.8063	1.2738	0.2635	1.6957	Average CC
20	0	0.2836	0.3469	0.3865	0.2539	0.3054	0.3017	0.3864	0.5275	1.4777	1.3607	0.3059	1.6695	1.751833333
21	0	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4092	1.6506	1.4821	1.214	1.6082	1.4046	1.6867	1.8103	1.8259	1.5571	0.3267	2.0352	
26	2	0.5641	0.6649	0.9193	0.6192	1.7827	1.21	1.4186	1.446	1.5302	1.4823	0.3389	1.975	Average VC
27	1	0.4664	0.5209	0.4351	0.4815	0.817	0.8932	0.8335	1.08	1.3629	1.41	0.3074	1.9881	0.3145
28	0.5	0.3918	0.5222	0.5812	0.3555	0.4346	0.4683	0.9039	1.4171	1.8877	1.4627	0.2911	2.0266	
29	0.25	0.3852	0.4148	0.447	0.4116	0.692	0.4097	0.5762	1.0055	1.7642	1.6052	0.2875	1.9064	Average CC
30	0	0.2714	0.3175	0.421	0.28	0.273	0.3848	0.3873	0.7623	1.3809	1.4495	0.3354	1.9454	1.97945
31	0	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	85.46	79.91	95.12	82.42	80.67	90.14	79.84	100	100	84.88			
57	2	19.17	23.64	38.13	27.83	56.08	31.29	79.92	67.37	95.36	81.06			
58	1	13.68	19.53	21.17	27.27	21.64	25.62	37.04	78.33	81.71	76.24			
59	0.5	6.28	15.99	14.68	12.37	13.86	10.72	30.98	52.16	85.15	79.85			
60	0.25	4.99	7.87	12.58	8.38	19.52	5.72	17.92	59.99	92.18	78.43			
61	0	0.19	3.17	6.51	0	1.83	2.89	8.4	46.75	84.4	78.07			
62														
63	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	21.67	10.64	22.46	24.6	2.64	22.87	23.74	13.2	15.25	12.51			
67	2	6.14	2.97	13.23	16.94	27.93	19.84	21.13	25.95	20.43	11.91			
68	1	4.49	6.65	12.13	20.77	7.71	8.22	6.02	30.68	18.68	9.49			
69	0.5	1.47	3.07	1.24	8.63	6.45	1.59	8.53	15.13	13.27	11.6			
70	0.25	1.19	1.61	6.07	2.27	5.7	0.48	4.19	27.65	10.13	11.25			
71	0	2.68	2.61	1.06	2.64	4.17	1.2	4.46	43.68	21.97	12.78			
72														
73	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	85.49	85.92	86.41	85.46	85.73	85.88	86.68	92.26	97.73	96.81			
77	2	19.32	21.73	24.43	19.17	20.65	21.51	25.96	56.96	87.39	82.27			
78	1	13.74	16.32	19.21	13.68	15.16	16.08	20.84	53.98	86.62	81.05			
79	0.5	6.46	9.25	12.38	6.28	8	8.99	14.15	50.09	85.38	79.45			
80	0.25	5.17	8	11.18	4.99	6.73	7.74	12.97	49.41	85.18	79.16			
81	0	0.38	3.35	6.69	0.19	2.02	3.07	8.57	46.86	84.43	78.11			
82														
83	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	322.25	
86	4	-0.03	-6.01	8.71	-3.04	-5.06	4.26	-6.84	7.74	2.27	-11.93	95% confidence interval	625 - 19	
87	2	-0.15	1.91	13.7	8.66	35.43	9.78	53.96	10.41	7.97	-1.21			
88	1	-0.16	3.21	1.96	13.69	6.48	9.44	16.2	24.35	-4.81	-4.81			
89	0.5	-0.18	6.74	2.3	6.09	5.86	1.73	16.83	2.06	-0.23	0.4	ANTAGONISM	-47.52	
90	0.25	-0.18	-0.13	1.4	3.39	12.79	-2.02	4.95	10.68	7	-0.73	95% confidence interval	-1 - -94	
91	0		-0.18	-0.18	-0.19	-0.19	-0.18	-0.17	-0.1	-0.03	-0.04			
92														
93	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	19.4	
97	2	0	0	0	0	0	0	12.5452	0	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	4.4008	0	0	0			
99	0.5	0	0.7228	0	0	0	0	0.1112	0	0	0	ANTAGONISM	-1.08	
100	0.25	0	0	0	0	1.618	-1.0792	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0.73	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0.7286	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-0.79	
110	0.25	0	0	0	0	0	-0.7864	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.05859	0.11719	0.23438	0.46875	0.9375	1.875	3.75	7.5	15	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-0.44
120	0.25	0	0	0	0	0	-0.44032	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
2	Vertical Drug:		Fullerene (ug/mL)				MacSynergy™ II				Horizontal Drug:		DTG (nM)		
3														REPLICATE 1	
4														<i>enter data</i>	
5	4	1.8588	1.8789	1.8971	1.9349	1.8648	1.1807	1.4912	1.8116	1.8806	1.8522	0.2696	1.8559		
6	2	0.8296	1.6352	1.578	0.5124	0.9217	1.0213	0.8934	1.2381	1.4851	1.6038	0.2683	1.8365	<u>Average VC</u>	
7	1	0.3772	0.4486	0.4103	0.3751	0.3709	0.4032	0.4538	0.5378	0.4379	1.2281	0.2664	1.8081	0.280966667	
8	0.5	0.2949	0.3468	0.3638	0.358	0.3508	0.3556	0.6314	0.5474	0.4164	0.7725	0.3113	1.9156		
9	0.25	0.3347	0.253	0.2899	0.2565	0.3094	0.4031	0.5907	0.4422	0.4249	1.3995	0.2957	1.7822	<u>Average CC</u>	
10	0	0.3664	0.2552	0.2795	0.3025	0.3322	0.6362	0.3307	0.4244	1.1502	1.6256	0.2745	1.8067	1.83415	
11	0	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	vc	CC		
12															
13														REPLICATE 2	
14														<i>enter data</i>	
15	4	1.1641	1.8709	1.9018	1.7797	1.9086	1.3263	1.6806	1.7567	1.9501	1.8283	0.2374	1.9545		
16	2	1.4222	0.9325	0.4694	0.6146	1.4835	1.0824	0.5055	1.0477	1.8527	1.528	0.2267	1.819	<u>Average VC</u>	
17	1	0.2816	0.3528	0.4966	0.4782	0.5009	0.4088	0.6574	1.2135	0.9776	1.2714	0.2094	1.8874	0.240733333	
18	0.5	0.3953	0.3374	0.3392	0.3536	0.6906	0.3305	0.3592	0.4667	1.2771	1.3689	0.2512	1.9395		
19	0.25	0.4436	0.4779	0.3464	0.4069	0.3253	0.3213	0.9722	1.3654	0.7605	1.1026	0.2545	1.7199	<u>Average CC</u>	
20	0	0.2818	0.259	0.2528	0.2443	0.3329	0.2692	0.257	0.3553	1.0886	0.8254	0.2652	1.7473	1.8446	
21	0	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	vc	CC		
22															
23														REPLICATE 3	
24														<i>enter data</i>	
25	4	1.6412	1.8191	1.8595	1.5654	1.7042	1.3076	1.7224	1.8669	1.9769	1.843	0.2645	1.8949		
26	2	0.5059	0.4162	1.3793	0.4644	1.1294	0.595	1.2658	1.0333	1.5439	1.5082	0.2623	1.8704	<u>Average VC</u>	
27	1	0.4054	0.3144	0.3771	0.3044	0.4087	0.4253	0.4017	0.4051	1.2503	1.3779	0.2466	1.8703	0.25735	
28	0.5	0.4216	0.229	0.3573	0.3153	0.5369	0.4749	0.3926	0.596	0.6879	1.0286	0.225	2.0473		
29	0.25	0.3691	0.368	0.3631	0.2633	0.3838	0.2681	0.8125	0.371	0.643	1.3745	0.3125	1.7166	<u>Average CC</u>	
30	0	0.3565	0.3222	0.2682	0.2331	0.3734	0.3108	0.3899	0.3293	0.4191	1.8808	0.2332	1.8038	1.867216667	
31	0	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	VC	CC		
32															
33	0													REPLICATE 4	
34	0													<i>enter data</i>	
35	4														
36	2													<u>Average VC</u>	
37	1													0	
38	0.5														
39	0.25													<u>Average CC</u>	
40	0													0	
41	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	VC	CC		
42															
43	0													REPLICATE 5	
44	0													<i>enter data</i>	
45	4														
46	2													<u>Average VC</u>	
47	1													0	
48	0.5														
49	0.25													<u>Average CC</u>	
50	0													0	
51	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	VC	CC		
52															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	81.71	100	100	94.56	98.61	63.62	86.23	97.66	100	99.55			
57	2	41.48	46.73	55.82	17.02	57.64	40.37	39.53	53.38	85.98	81.04			
58	1	5.96	7.11	10.57	7.93	10.47	9.59	15.36	28.79	39.24	64.95			
59	0.5	6.91	2.83	5.89	5.2	16.64	7.97	12.78	17.43	33.36	49.96			
60	0.25	7.68	6.62	4.58	3.05	4.99	4.52	33.34	29.19	21.88	65.05			
61	0	4.53	1.17	0.44	0.03	5.42	9.32	4.15	6.95	39.63	74.62			
62														
63	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	22.31	3.09	2.49	12.67	7.63	5.08	7.23	2.87	2.14	1.42			
67	2	29.6	38.79	36.65	5.54	18.36	16.97	23.07	7.22	12.63	3.8			
68	1	3.33	3.63	4.68	6.16	5.3	1.49	9.26	27.84	26.43	4.35			
69	0.5	5.22	4.08	0.49	1.73	11.79	4.82	8.48	3.48	28.53	19.43			
70	0.25	4.64	8.3	3.47	6.4	3.02	3.62	12.87	35.49	11.71	9.88			
71	0	1.82	2.84	0.47	1.46	1.98	11.76	3.7	2.39	25.66	33.82			
72														
73	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	82.54	81.92	81.79	81.72	82.7	83.41	82.47	82.98	88.96	95.36			
77	2	44.13	42.16	41.74	41.5	44.65	46.93	43.91	45.55	64.67	85.15			
78	1	10.24	7.08	6.39	6.01	11.08	14.74	9.88	12.51	43.24	76.14			
79	0.5	11.13	8	7.32	6.94	11.96	15.59	10.77	13.38	43.8	76.37			
80	0.25	11.86	6.76	8.09	7.71	12.68	16.28	11.51	14.1	44.27	76.67			
81	0	8.85	5.65	4.95	4.56	9.7	13.43	8.49	11.17	42.36	75.77			
82														
83	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT		
84	0													
85	0						#VALUE!						SYNERGY	235.04
86	4	-0.83	18.08	18.21	12.84	15.91	-19.79	3.76	14.68	11.04	4.19		95% confidence interval	426 - 44
87	2	-2.65	4.57	14.08	-24.48	12.99	-6.56	-4.38	7.83	21.31	-4.11			
88	1	-4.26	0.03	4.18	1.92	-0.61	-5.15	5.48	16.28	-4	-11.19			
89	0.5	-4.22	-5.17	-1.43	-1.74	4.68	-7.62	2.01	4.05	-10.44	-26.41		ANTAGONISM	-212.89
90	0.25	-4.18	-2.14	-3.51	-4.66	-7.69	-11.76	21.83	15.09	-22.39	-11.52		95% confidence interval	-35 - -391
91	0		-4.48	-4.51	-4.53	-4.28	-4.11	-4.34	-4.22	-2.73	-1.15			
92														
93	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	-
95	0						#VALUE!							
96	4	0	12.0236	13.3296	0	0.9552	-9.8332	0	9.0548	6.8456	1.4068		SYNERGY	43.62
97	2	0	0	0	-13.6216	0	0	0	0	0	0		log volume	#VALUE!
98	1	0	0	0	0	0	-2.2296	0	0	0	-2.664			
99	0.5	0	0	-0.4696	0	0	0	0	0	0	0		ANTAGONISM	-35.25
100	0.25	0	0	0	0	-1.7708	-4.6648	0	0	0	0		log volume	#VALUE!
101	0	0	0	-3.5888	-1.6684	-0.3992	0	0	0	0	0			
102														
103	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	68%
105	0						#VALUE!							
106	4	0	10.1387	11.8107	0	0	-6.7344	0	7.3041	5.5402	0.5408		SYNERGY	35.33
107	2	0	0	0	-10.2422	0	0	0	0	0	0		log volume	#VALUE!
108	1	0	0	0	0	0	-1.3207	0	0	0	-0.0105			
109	0.5	0	0	-0.1707	0	0	0	0	0	0	0		ANTAGONISM	-20.94
110	0.25	0	0	0	0	0	-2.4566	0	0	0	0		log volume	#VALUE!
111	0	0	0	-3.3021	-0.7778	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.0078	0.0156	0.0313	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0						#VALUE!							
116	4	0	7.91081	10.0164	0	0	-3.07172	0	5.23483	3.99726	0		SYNERGY	27.16
117	2	0	0	0	-6.24786	0	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	-0.24641	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-9.57
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	-2.96323	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DTG (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.2968	1.4005	1.6415	1.0806	1.7566	1.622	1.6318	1.6757	1.7725	1.7729	0.2834	1.6685	
6	2	0.5231	0.5757	0.7006	0.5117	0.5666	0.8578	0.562	0.7805	1.3617	1.4842	0.2963	1.5809	Average VC
7	1	0.3751	0.458	0.4178	0.4562	0.4992	0.3646	0.5556	0.9522	1.0284	1.3967	0.2799	1.5478	0.286083333
8	0.5	0.4328	0.3951	0.4523	0.4845	0.3731	0.4021	0.4038	0.5852	0.6811	1.0752	0.3272	1.2838	
9	0.25	0.3367	0.3775	0.3665	0.3682	0.4101	0.3533	0.3619	0.5671	0.5647	1.1701	0.2801	1.5075	Average CC
10	0	0.2859	0.2851	0.3688	0.3076	0.2721	0.298	0.3259	0.4327	0.742	1.1481	0.2496	1.5818	1.528383333
11	0	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.5754	1.9	0.6302	1.4452	1.8511	1.581	1.6886	1.6171	1.6728	1.6842	0.2534	1.8003	
16	2	0.6769	0.5347	0.8484	0.6203	0.5823	0.6757	0.4677	0.6839	1.4944	1.3727	0.2829	1.8402	Average VC
17	1	0.4107	0.4508	0.4437	0.4705	0.4244	0.466	0.4653	0.5891	0.768	1.3738	0.2321	1.6932	0.272366667
18	0.5	0.4609	0.4325	0.4825	0.5897	0.5169	0.3478	0.4532	0.6039	1.4304	1.09	0.2469	1.7491	
19	0.25	0.3643	0.4102	0.4769	0.3266	0.4048	0.3379	0.5353	0.6918	0.8757	1.2699	0.3133	1.4923	Average CC
20	0	0.2717	0.2956	0.2894	0.2632	0.2896	0.2867	0.3631	0.442	0.5459	1.4898	0.3056	1.6836	1.709783333
21	0	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.6034	1.2839	1.6337	1.5157	1.6573	1.5346	1.3503	1.7153	1.7885	1.6909	0.2997	2.3338	
26	2	0.54	0.773	0.6499	0.7678	0.6389	0.5351	0.8463	0.6926	1.5211	1.3115	0.2855	2.1545	Average VC
27	1	0.3869	0.4221	0.4763	0.6025	0.3772	0.3977	0.3975	1.5982	1.0531	1.196	0.2711	2.2285	0.27725
28	0.5	0.3816	0.3579	0.3987	0.4642	0.5968	0.3822	0.451	0.7366	1.0205	1.0539	0.2471	2.0053	
29	0.25	0.3497	0.3822	0.3651	0.3775	0.3233	0.4358	0.3784	0.4787	0.7138	1.5888	0.2864	1.6694	Average CC
30	0	0.2812	0.2666	0.314	0.2624	0.3264	0.2738	0.338	0.3696	0.8368	1.833	0.2737	1.7184	2.018316667
31	0	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	82.73	86.92	70.64	72.23	100	90.26	89.49	96	100	99.7			
57	2	20.77	23.35	31.61	23.51	21.64	29.63	22.83	30.76	81.01	77.47			
58	1	7.7	11.52	11.32	15.39	11.16	8.9	14.01	50.51	46.27	72.93			
59	0.5	10.31	8.18	11.66	16.26	14.12	6.87	10.68	22.19	51.68	55			
60	0.25	4.88	7.66	8.58	5.38	7.28	6.36	10.07	21.12	29.82	71.96			
61	0	0.32	0.12	3.32	0.08	0.95	0.69	4.34	9.64	29.29	81.15			
62														
63	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	7.34	27.81	42.57	8.87	20.56	17.67	24.62	14.78	16.76	19.29			
67	2	6.69	5.11	9.46	5.04	0.91	15.66	9.56	8.18	8.33	18.54			
68	1	1.73	2.87	0.67	2.85	5.73	3.97	7.41	27.05	12.72	18.59			
69	0.5	3.79	3.29	4.1	5.68	6.2	2.17	1.67	5.39	25.6	9.6			
70	0.25	1.32	1.8	4.94	1.46	4.03	2.42	7.12	8.9	10.6	3.05			
71	0	0.43	1.41	2.93	1.43	1.96	0.68	1.72	3.75	9.17	10.45			
72														
73	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	82.79	82.75	83.3	82.74	82.89	82.83	83.48	84.39	87.79	96.74			
77	2	21.02	20.87	23.4	20.83	21.52	21.24	24.21	28.41	43.98	85.07			
78	1	8	7.81	10.76	7.77	8.58	8.24	11.71	16.6	34.73	82.6			
79	0.5	10.6	10.42	13.29	10.38	11.16	10.84	14.2	18.96	36.58	83.09			
80	0.25	5.18	4.99	8.04	4.96	5.78	5.44	9.01	14.05	32.74	82.07			
81	0	0.64	0.44	3.63	0.4	1.27	0.91	4.65	9.93	29.52	81.21			
82														
83	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	226.99	
86	4	-0.06	4.17	-12.66	-10.51	17.11	7.43	6.01	11.61	12.21	2.96	95% confidence interval	431 - 23	
87	2	-0.25	2.48	8.21	2.68	0.12	8.39	-1.38	2.35	37.03	-7.6			
88	1	-0.3	3.71	0.56	7.62	2.58	0.66	2.3	33.91	11.64	-9.67			
89	0.5	-0.29	-2.24	-1.63	5.88	2.96	-3.97	-3.52	3.23	15.1	-28.09	ANTAGONISM	-95.5	
90	0.25	-0.3	2.67	0.54	0.42	1.5	0.92	1.05	7.07	-2.92	-10.11	95% confidence interval	-14 - -177	
91	0		-0.32	-0.31	-0.32	-0.32	-0.32	-0.31	-0.29	-0.23	-0.06			
92														
93	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	22.74	
97	2	0	0	0	0	0	0	0	0	20.7032	0	log volume	#VALUE!	
98	1	0	0	0	2.034	0	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	-0.2468	0	0	-9.274	ANTAGONISM	-13.65	
100	0.25	0	0	0	0	0	0	0	0	0	-4.132	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	15.92	
107	2	0	0	0	0	0	0	0	0	15.6219	0	log volume	#VALUE!	
108	1	0	0	0	0.2955	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	-3.418	ANTAGONISM	-5.69	
110	0.25	0	0	0	0	0	0	0	0	0	-2.2715	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	2	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	9.62	
117	2	0	0	0	0	0	0	0	0	9.61597	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-0.07
120	0.25	0	0	0	0	0	0	0	0	0	-0.07245	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

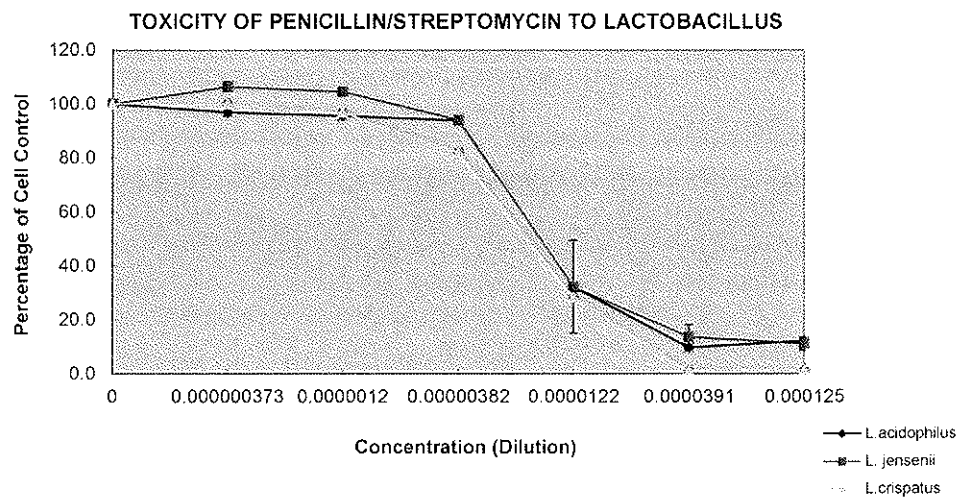
TOXICITY OF PENICILLIN/STREPTOMYCIN TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (dilution)	0	0.000000373	0.0000012	0.00000382	0.0000122	0.0000391	0.000125
SAMPLE 1	1.634	1.574	1.558	1.533	0.564	0.138	0.141
SAMPLE 2	1.616	1.582	1.552	1.515	0.501	0.164	0.222
SAMPLE 3	1.633	1.576	1.559	1.536	0.518	0.176	0.237
MEAN	1.628	1.577	1.556	1.528	0.527	0.160	0.200
St. Dev. (MEAN)	0.010	0.004	0.004	0.011	0.032	0.019	0.051
% CC	100.0	96.9	95.6	93.9	32.4	9.8	12.3
St. Dev. (%CC)	0.6	0.3	0.2	0.7	2.0	1.2	3.1

Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (dilution)	0	0.000000373	0.0000012	0.00000382	0.0000122	0.0000391	0.000125
SAMPLE 1	1.426	1.507	1.473	1.352	0.700	0.147	0.151
SAMPLE 2	1.389	1.499	1.471	1.313	0.445	0.169	0.128
SAMPLE 3	1.401	1.480	1.464	1.302	0.216	0.264	0.194
MEAN	1.405	1.495	1.469	1.322	0.454	0.193	0.158
St. Dev. (MEAN)	0.019	0.014	0.005	0.026	0.242	0.062	0.033
% CC	100.0	106.4	104.6	94.1	32.3	13.8	11.2
St. Dev. (%CC)	1.3	1.0	0.3	1.9	17.2	4.4	2.4

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (dilution)	0	0.000000373	0.0000012	0.00000382	0.0000122	0.0000391	0.000125
SAMPLE 1	1.587	1.582	1.538	1.320	0.424	0.019	0.015
SAMPLE 2	1.566	1.585	1.537	1.274	0.467	0.018	0.022
SAMPLE 3	1.601	1.585	1.530	1.309	0.458	0.017	0.021
MEAN	1.585	1.584	1.535	1.301	0.450	0.018	0.019
St. Dev. (MEAN)	0.017	0.002	0.004	0.024	0.023	0.001	0.003
% CC	100.0	100.0	96.9	82.1	28.4	1.2	1.2
St. Dev. (%CC)	1.1	0.1	0.3	1.5	1.4	0.1	0.2

<i>Lacidophilus</i> TC ₅₀ =	9.801E-06	1:102,030
<i>Ljensenii</i> TC ₅₀ =	9.797E-06	1:102,072
<i>Lcrispatus</i> TC ₅₀ =	8.827E-06	1:113,288



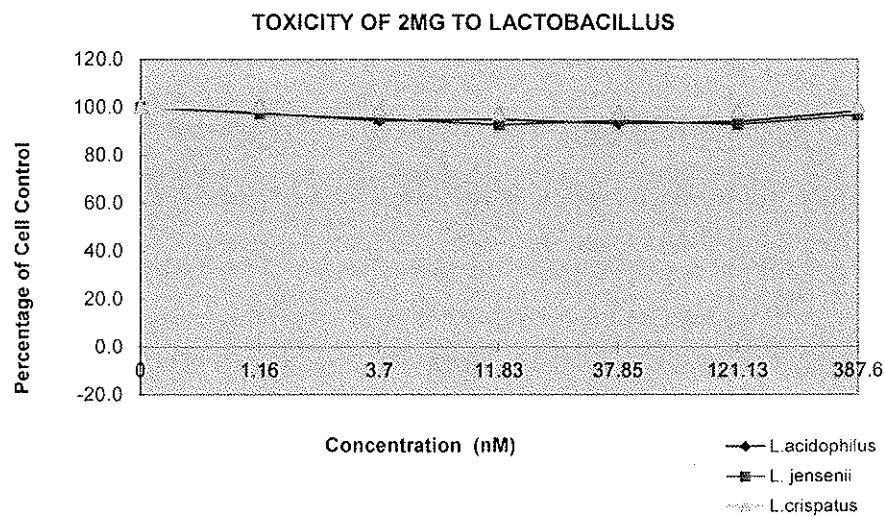
TOXICITY OF 2MG TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.16	3.7	11.83	37.85	121.13	387.6
SAMPLE 1	1.602	1.556	1.500	1.506	1.483	1.501	1.553
SAMPLE 2	1.584	1.555	1.523	1.523	1.496	1.491	1.570
SAMPLE 3	1.601	1.562	1.505	1.513	1.484	1.505	1.575
MEAN	1.596	1.558	1.510	1.514	1.487	1.499	1.566
St. Dev. (MEAN)	0.010	0.004	0.012	0.008	0.007	0.007	0.011
% CC	100.0	97.6	94.6	94.9	93.2	93.9	98.1
St. Dev. (%CC)	0.6	0.2	0.8	0.5	0.5	0.5	0.7

Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.16	3.7	11.83	37.85	121.13	387.6
SAMPLE 1	1.429	1.344	1.343	1.332	1.309	1.310	1.348
SAMPLE 2	1.392	1.385	1.338	1.294	1.333	1.301	1.361
SAMPLE 3	1.403	1.382	1.348	1.294	1.349	1.307	1.372
MEAN	1.408	1.370	1.343	1.307	1.330	1.306	1.360
St. Dev. (MEAN)	0.019	0.023	0.005	0.022	0.020	0.004	0.012
% CC	100.0	97.3	95.4	92.8	94.5	92.7	96.6
St. Dev. (%CC)	1.3	1.6	0.4	1.6	1.4	0.3	0.9

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.16	3.7	11.83	37.85	121.13	387.6
SAMPLE 1	1.582	1.601	1.564	1.557	1.546	1.562	1.594
SAMPLE 2	1.562	1.578	1.559	1.539	1.542	1.545	1.581
SAMPLE 3	1.597	1.601	1.574	1.541	1.553	1.559	1.583
MEAN	1.580	1.593	1.566	1.546	1.547	1.556	1.586
St. Dev. (MEAN)	0.017	0.013	0.008	0.010	0.005	0.009	0.007
% CC	100.0	100.8	99.1	97.8	97.9	98.4	100.4
St. Dev. (%CC)	1.1	0.8	0.5	0.6	0.3	0.6	0.4

<i>L. acidophilus</i> TC ₅₀ =	>387.6
<i>L. jensenii</i> TC ₅₀ =	>387.6
<i>L. crispatus</i> TC ₅₀ =	>387.6



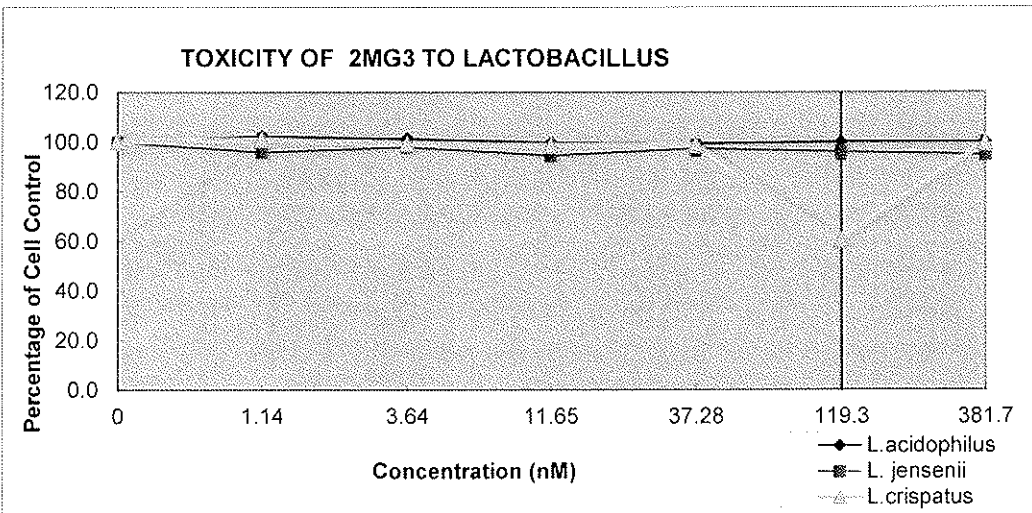
TOXICITY OF 2MG3 TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.14	3.64	11.65	37.28	119.3	381.7
SAMPLE 1	1.538	1.584	1.543	1.534	1.516	1.535	1.518
SAMPLE 2	1.520	1.555	1.566	1.530	1.505	1.527	1.534
SAMPLE 3	1.536	1.559	1.544	1.518	1.543	1.530	1.547
MEAN	1.531	1.566	1.551	1.527	1.521	1.531	1.533
St. Dev. (MEAN)	0.010	0.016	0.013	0.008	0.020	0.004	0.015
% CC	100.0	102.3	101.3	99.7	99.3	100.0	100.1
St. Dev. (%CC)	0.6	1.0	0.8	0.5	1.3	0.3	1.0

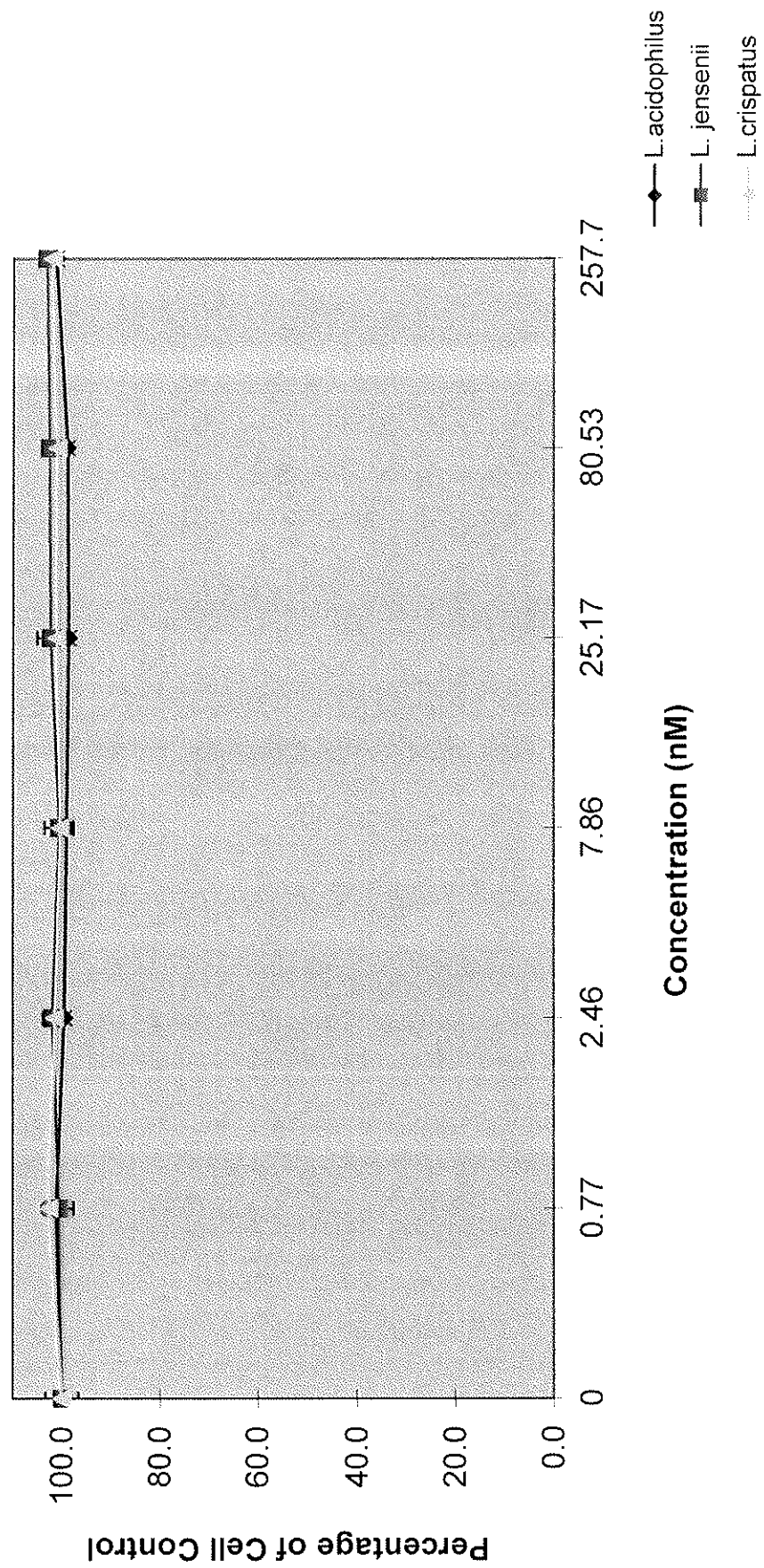
Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.14	3.64	11.65	37.28	119.3	381.7
SAMPLE 1	1.421	1.352	1.367	1.289	1.339	1.302	1.341
SAMPLE 2	1.385	1.321	1.368	1.325	1.340	1.345	1.318
SAMPLE 3	1.396	1.359	1.387	1.360	1.417	1.393	1.328
MEAN	1.401	1.344	1.374	1.325	1.365	1.347	1.329
St. Dev. (MEAN)	0.019	0.020	0.011	0.035	0.045	0.046	0.011
% CC	100.0	96.0	98.1	94.6	97.5	96.2	94.9
St. Dev. (%CC)	1.3	1.4	0.8	2.5	3.2	3.3	0.8

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.14	3.64	11.65	37.28	119.3	381.7
SAMPLE 1	1.573	1.592	1.560	1.557	1.559	1.521	1.545
SAMPLE 2	1.552	1.581	1.562	1.558	1.547	1.511	1.542
SAMPLE 3	1.587	1.594	1.560	1.536	1.550	-0.181	1.609
MEAN	1.570	1.589	1.561	1.551	1.552	0.950	1.566
St. Dev. (MEAN)	0.017	0.007	0.001	0.012	0.006	0.980	0.038
% CC	100.0	101.2	99.4	98.7	98.8	60.5	99.7
St. Dev. (%CC)	1.1	0.5	0.1	0.8	0.4	62.4	2.4

<i>L. acidophilus</i> TC ₅₀ =	>381.7
<i>L. jensenii</i> TC ₅₀ =	>381.7
<i>L. crispatus</i> TC ₅₀ =	>381.7



TOXICITY OF 3MG TO LACTOBACILLUS



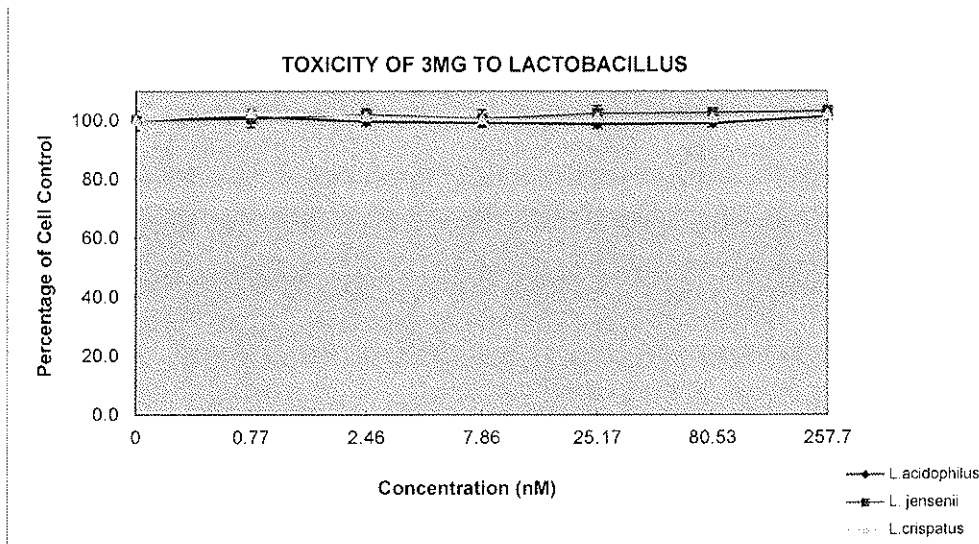
TOXICITY OF 3MG TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	0.77	2.46	7.86	25.17	80.53	257.7
SAMPLE 1	1.575	1.566	1.548	1.537	1.538	1.547	1.581
SAMPLE 2	1.552	1.567	1.539	1.535	1.525	1.530	1.569
SAMPLE 3	1.524	1.574	1.545	1.540	1.528	1.527	1.565
MEAN	1.550	1.569	1.544	1.537	1.530	1.535	1.572
St. Dev. (MEAN)	0.025	0.005	0.005	0.002	0.007	0.011	0.008
% CC	100.0	101.2	99.6	99.2	98.7	99.0	101.4
St. Dev. (%CC)	1.6	0.3	0.3	0.2	0.5	0.7	0.5

Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (nM)	0	0.77	2.46	7.86	25.17	80.53	257.7
SAMPLE 1	1.443	1.407	1.444	1.446	1.442	1.410	1.425
SAMPLE 2	1.377	1.355	1.393	1.376	1.449	1.443	1.444
SAMPLE 3	1.353	1.434	1.422	1.376	1.381	1.430	1.439
MEAN	1.391	1.398	1.420	1.399	1.424	1.427	1.436
St. Dev. (MEAN)	0.046	0.040	0.026	0.041	0.037	0.017	0.010
% CC	100.0	100.5	102.1	100.6	102.4	102.6	103.2
St. Dev. (%CC)	3.3	2.9	1.8	2.9	2.7	1.2	0.7

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	0.77	2.46	7.86	25.17	80.53	257.7
SAMPLE 1	1.567	1.591	1.576	1.557	1.577	1.578	1.582
SAMPLE 2	1.537	1.593	1.571	1.545	1.557	1.552	1.594
SAMPLE 3	1.547	1.588	1.571	1.565	1.566	1.564	1.568
MEAN	1.550	1.591	1.573	1.556	1.567	1.565	1.581
St. Dev. (MEAN)	0.015	0.003	0.003	0.010	0.010	0.013	0.013
% CC	100.0	102.6	101.4	100.3	101.1	100.9	102.0
St. Dev. (%CC)	1.0	0.2	0.2	0.6	0.7	0.9	0.8

<i>Lacidophilus</i> TC ₅₀ =	>257.7
<i>Ljensenii</i> TC ₅₀ =	>257.7
<i>Lcrispatus</i> TC ₅₀ =	>257.7



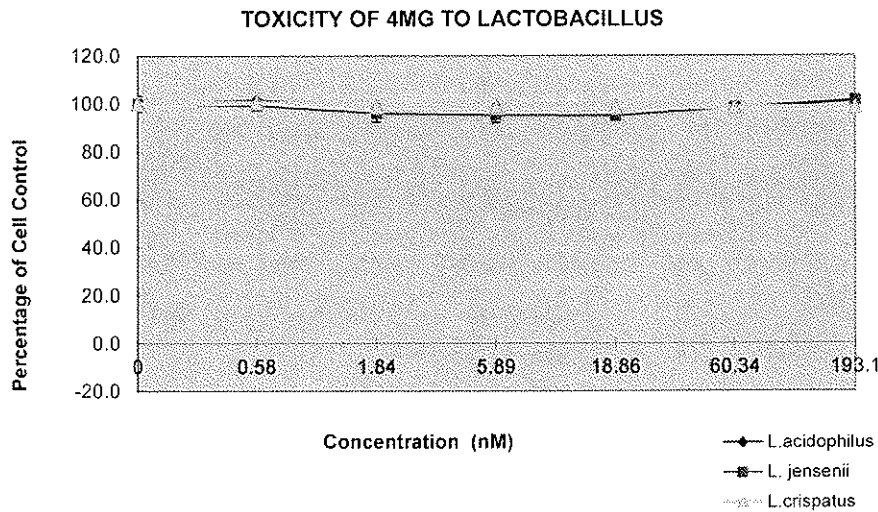
TOXICITY OF 4MG TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	0.58	1.84	5.89	18.86	60.34	193.1
SAMPLE 1	1.561	1.553	1.505	1.506	1.492	1.499	1.553
SAMPLE 2	1.539	1.565	1.508	1.529	1.510	1.512	1.550
SAMPLE 3	1.511	1.563	1.523	1.519	1.516	1.504	1.557
MEAN	1.537	1.560	1.512	1.518	1.506	1.505	1.554
St. Dev. (MEAN)	0.025	0.006	0.010	0.011	0.012	0.007	0.003
% CC	100.0	101.5	98.4	98.8	98.0	97.9	101.1
St. Dev. (%CC)	1.7	0.4	0.6	0.7	0.8	0.4	0.2

Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (nM)	0	0.58	1.84	5.89	18.86	60.34	193.1
SAMPLE 1	1.459	1.386	1.293	1.395	1.346	1.386	1.441
SAMPLE 2	1.394	1.399	1.380	1.316	1.345	1.390	1.402
SAMPLE 3	1.369	1.405	1.382	1.311	1.318	1.371	1.437
MEAN	1.407	1.396	1.351	1.341	1.336	1.382	1.427
St. Dev. (MEAN)	0.046	0.010	0.051	0.047	0.016	0.010	0.021
% CC	100.0	99.2	96.0	95.3	95.0	98.2	101.4
St. Dev. (%CC)	3.3	0.7	3.6	3.3	1.1	0.7	1.5

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	0.58	1.84	5.89	18.86	60.34	193.1
SAMPLE 1	1.574	1.565	1.530	1.536	1.532	1.528	1.510
SAMPLE 2	1.544	1.577	1.544	1.539	1.530	1.520	1.553
SAMPLE 3	1.553	1.558	1.541	1.529	1.534	1.541	1.528
MEAN	1.557	1.567	1.538	1.534	1.532	1.530	1.530
St. Dev. (MEAN)	0.015	0.010	0.007	0.005	0.002	0.010	0.021
% CC	100.0	100.6	98.8	98.6	98.4	98.3	98.3
St. Dev. (%CC)	1.0	0.6	0.5	0.3	0.1	0.7	1.4

<i>L. acidophilus</i> TC ₅₀ =	>193.1
<i>L. jensenii</i> TC ₅₀ =	>193.1
<i>L. crispatus</i> TC ₅₀ =	>193.1



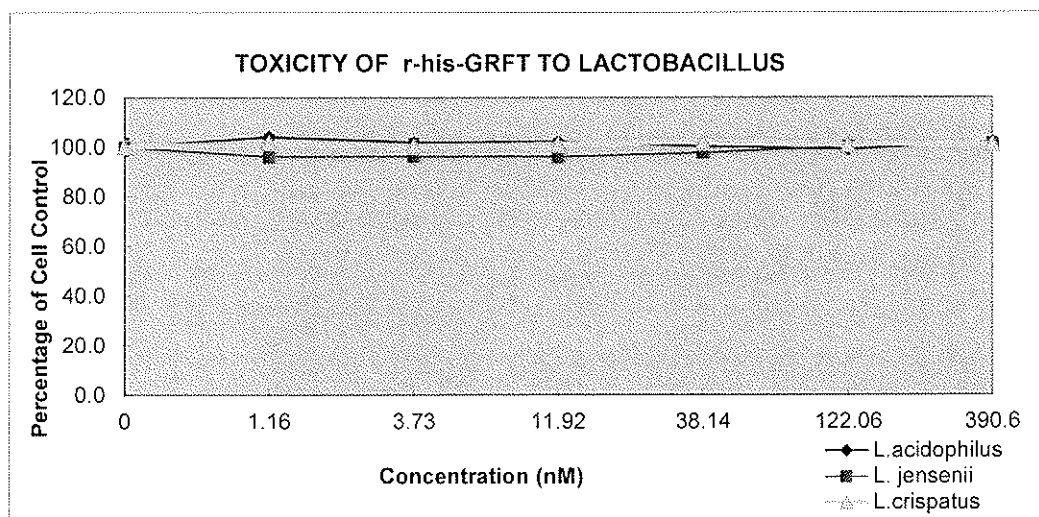
TOXICITY OF r-his-GRFT TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.16	3.73	11.92	38.14	122.06	390.6
SAMPLE 1	1.546	1.593	1.572	1.547	1.528	1.504	1.553
SAMPLE 2	1.524	1.592	1.548	1.553	1.531	1.502	1.564
SAMPLE 3	1.495	1.566	1.530	1.565	1.522	1.517	1.538
MEAN	1.522	1.584	1.550	1.555	1.527	1.508	1.552
St. Dev. (MEAN)	0.025	0.015	0.021	0.009	0.005	0.008	0.013
% CC	100.0	104.1	101.9	102.2	100.3	99.1	102.0
St. Dev. (%CC)	1.7	1.0	1.4	0.6	0.3	0.5	0.8

Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.16	3.73	11.92	38.14	122.06	390.6
SAMPLE 1	1.448	1.342	1.316	1.307	1.365	1.396	1.435
SAMPLE 2	1.383	1.343	1.366	1.355	1.358	1.404	1.416
SAMPLE 3	1.358	1.345	1.355	1.372	1.376	1.401	1.399
MEAN	1.397	1.343	1.346	1.345	1.366	1.400	1.417
St. Dev. (MEAN)	0.046	0.001	0.026	0.034	0.009	0.004	0.018
% CC	100.0	96.2	96.3	96.3	97.8	100.3	101.4
St. Dev. (%CC)	3.3	0.1	1.9	2.4	0.7	0.3	1.3

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	1.16	3.73	11.92	38.14	122.06	390.6
SAMPLE 1	1.558	1.591	1.547	1.566	1.573	1.552	1.550
SAMPLE 2	1.528	1.578	1.544	1.556	1.567	1.559	1.574
SAMPLE 3	1.537	1.544	1.553	1.557	1.577	1.552	1.546
MEAN	1.541	1.571	1.548	1.559	1.573	1.554	1.556
St. Dev. (MEAN)	0.015	0.025	0.005	0.005	0.005	0.004	0.015
% CC	100.0	101.9	100.4	101.2	102.0	100.8	101.0
St. Dev. (%CC)	1.0	1.6	0.3	0.3	0.3	0.3	1.0

<i>L. acidophilus</i> TC ₅₀ =	>390.6
<i>L. jensenii</i> TC ₅₀ =	>390.6
<i>L. crispatus</i> TC ₅₀ =	>390.6



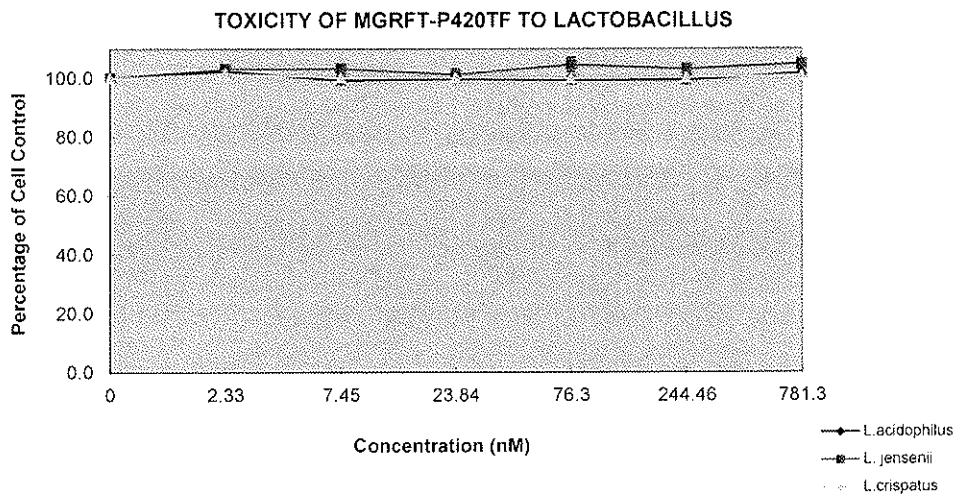
TOXICITY OF MGRFT-P420TF TO LACTOBACILLUS

Toxicity to <i>L. acidophilus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	2.33	7.45	23.84	76.3	244.46	781.3
SAMPLE 1	1.531	1.574	1.514	1.531	1.525	1.519	1.560
SAMPLE 2	1.527	1.562	1.518	1.528	1.516	1.523	1.557
SAMPLE 3	1.527	1.558	1.516	1.514	1.511	1.511	1.539
MEAN	1.529	1.565	1.516	1.524	1.517	1.518	1.552
St. Dev. (MEAN)	0.002	0.008	0.002	0.009	0.007	0.006	0.011
% CC	100.0	102.4	99.2	99.7	99.3	99.3	101.5
St. Dev. (%CC)	0.1	0.6	0.1	0.6	0.5	0.4	0.7

Toxicity to <i>L. jensenii</i> (O.D. @ 490 nm)							
CONC. (nM)	0	2.33	7.45	23.84	76.3	244.46	781.3
SAMPLE 1	1.442	1.482	1.464	1.464	1.514	1.472	1.499
SAMPLE 2	1.401	1.456	1.464	1.436	1.489	1.468	1.491
SAMPLE 3	1.413	1.453	1.446	1.410	1.447	1.450	1.475
MEAN	1.419	1.464	1.465	1.437	1.483	1.463	1.488
St. Dev. (MEAN)	0.021	0.016	0.019	0.027	0.034	0.011	0.012
% CC	100.0	103.1	103.2	101.2	104.5	103.1	104.9
St. Dev. (%CC)	1.5	1.1	1.3	1.9	2.4	0.8	0.9

Toxicity to <i>L. crispatus</i> (O.D. @ 490 nm)							
CONC. (nM)	0	2.33	7.45	23.84	76.3	244.46	781.3
SAMPLE 1	1.563	1.592	1.567	1.566	1.568	1.570	1.589
SAMPLE 2	1.548	1.584	1.561	1.565	1.554	1.562	1.581
SAMPLE 3	1.575	1.584	1.561	1.560	1.556	1.559	1.558
MEAN	1.562	1.587	1.563	1.564	1.559	1.563	1.576
St. Dev. (MEAN)	0.013	0.005	0.004	0.003	0.007	0.006	0.016
% CC	100.0	101.6	100.1	100.1	99.8	100.1	100.9
St. Dev. (%CC)	0.9	0.3	0.2	0.2	0.5	0.4	1.0

<i>Lacidophilus</i> TC ₅₀ =	>781.3
<i>Ljensenii</i> TC ₅₀ =	>781.3
<i>Lcrispatus</i> TC ₅₀ =	>781.3



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: Amprenivir (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	2.3171	3.2485	3.0995	2.6518	2.9764	2.7347	2.8132	2.1681	2.0294	2.1845	0.6223	1.4133	
6	2	0.7942	2.0807	1.2711	2.5914	2.2332	2.0303	2.8209	1.9677	2.2521	2.301	0.5172	0.8199	<u>Average VC</u>
7	1	1.1216	1.3739	2.1634	1.7907	2.2395	2.378	2.6941	1.8731	2.2839	2.2403	0.6889	1.5997	0.6063
8	0.5	0.7213	1.459	1.5116	2.1585	2.0812	1.4063	1.9828	1.6015	2.1994	2.4182	0.6559	1.9517	
9	0.25	0.8401	0.9719	0.9156	1.2849	1.789	1.6039	2.1628	1.8361	2.2567	2.5258	0.5928	1.7637	<u>Average CC</u>
10	0	0.6159	0.675	0.8389	0.7543	0.7769	1.2161	1.4425	1.6351	1.9716	2.6661	0.5727	1.9796	1.587983333
11	0	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	2.2511	2.2452	2.0966	2.4138	3.2876	3.0693	2.6997	2.0272	2.2526	2.0483	0.7549	2.737	
16	2	1.9537	1.3153	2.3364	2.3432	2.9885	1.5897	2.8312	2.3264	2.3287	2.1067	0.7094	2.7509	<u>Average VC</u>
17	1	1.3606	1.0813	1.4303	2.1338	2.5246	2.1345	1.7793	2.0869	2.54	2.1824	0.7681	1.8768	0.729066667
18	0.5	0.7853	1.1616	1.6834	1.0746	2.5361	1.4076	2.5671	2.1185	2.4037	2.1829	0.6941	3.283	
19	0.25	1.0445	0.7307	0.986	1.1796	1.7005	1.9781	1.6821	1.6188	2.2891	2.0731	0.7682	3.01	<u>Average CC</u>
20	0	0.6809	0.5912	0.7635	0.6302	1.0801	2.1392	1.2896	1.4404	1.6605	1.9935	0.6797	3.0226	2.78005
21	0	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	2.3328	1.8111	3.2215	1.6445	3.2345	2.7876	2.955	2.1299	2.3587	1.974	0.721	2.9791	
26	2	2.2796	1.9342	1.6409	2.3192	2.7532	2.5043	2.152	2.0506	3.223	2.1467	0.5673	2.6312	<u>Average VC</u>
27	1	1.1952	1.2724	1.6267	1.2308	1.9458	1.7996	2.8251	1.9251	3.185	2.1656	0.7056	3.2966	0.637483333
28	0.5	1.0693	1.0343	2.1737	1.321	2.2496	2.2956	2.5419	2.6742	2.1948	2.0396	0.5093	3.0426	
29	0.25	0.8432	0.8465	0.8935	1.0282	1.7373	1.2141	1.5129	1.9147	2.2178	2.1221	0.8185	2.7182	<u>Average CC</u>
30	0	0.5319	0.8126	0.9081	0.6268	1.1865	0.8186	1.2933	1.4648	2.3242	2.3787	0.5032	2.7174	2.897516667
31	0	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	100	100	100	100	100	100	96.18	98.5	94.78			
57	2	50.45	78.75	63.47	100	100	89.9	100	93.06	100	100			
58	1	35.95	41.14	77.08	71.81	100	100	100	84.09	100	100			
59	0.5	11.13	41.83	68.9	68.48	100	62.64	100	86.41	100	100			
60	0.25	16.05	15.48	18.41	36.11	72.18	59.28	81.29	75.07	100	100			
61	0	0	2.61	12.4	3.2	19.54	46.27	47.17	58.7	86.4	100			
62														
63	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	57.63	119.77	97.51	85.93	70.55	65.6	72.67	54.61	40.33	57.31			
67	2	28.01	63.61	17.37	72.7	37.85	51.98	83.37	40.32	45.16	61.09			
68	1	14.56	32.51	69.88	47.31	56.14	70.19	83.37	39.26	42.51	56.23			
69	0.5	8.19	39.02	22.85	78.11	41.63	25.91	30.92	17.12	50.71	68.43			
70	0.25	7.3	19.29	11.24	28.64	41.87	32.98	67.13	44.01	55.09	75.12			
71	0	2.73	8.1	10.94	10.36	4.12	33.3	32.91	39.94	47.97	81.6			
72														
73	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	50.45	51.74	56.59	52.04	60.13	73.38	73.82	79.54	93.26	100			
78	1	35.95	37.62	43.89	38	48.47	65.59	66.16	73.55	91.29	100			
79	0.5	11.13	13.45	22.15	13.97	28.5	52.25	53.05	63.3	87.91	100			
80	0.25	16.05	18.24	26.46	18.74	32.45	54.89	55.65	65.33	88.68	100			
81	0	0	2.61	12.4	3.2	19.54	46.27	47.17	58.7	86.4	100			
82														
83	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	0	0	0	0	0	0	0	-3.82	-1.5	-5.22			
87	2	0	27.01	6.88	47.96	39.87	16.52	26.18	13.52	6.74	0			
88	1	0	3.52	33.19	33.81	51.53	34.41	33.84	10.54	8.71	0			
89	0.5	0	28.38	46.75	54.51	71.5	10.39	46.95	23.11	12.09	0			
90	0.25	0	-2.76	-8.05	17.37	39.73	4.39	25.64	9.74	11.42	0			
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0			
97	2	0	0	0	0	0	0	0	0	0	0			
98	1	0	0	0	0	0	0	0	0	0	0			
99	0.5	0	0	1.964	0	0	0	0	0	0	0			
100	0.25	0	0	0	0	0	0	0	0	0	0			
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0			
107	2	0	0	0	0	0	0	0	0	0	0			
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0			
110	0.25	0	0	0	0	0	0	0	0	0	0			
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.5859	1.172	2.344	4.688	9.375	18.75	37.5	75	150	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0			
117	2	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	<i>log volume</i>		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: Amprenavir (nM)				
3														REPLICATE 1
4														enter data
5	4	1.8653	1.4752	1.2043	1.5391	1.7987	1.738	1.7153	1.7853	1.8796	1.9526	0.2946	1.9631	
6	2	1.2905	0.6149	0.6249	0.9558	1.1754	1.394	0.7863	1.4336	1.798	1.4897	0.3259	1.8625	Average VC
7	1	0.4713	0.7246	0.5322	0.6197	0.7513	0.5561	0.7637	1.1391	1.8544	1.4815	0.2965	1.8385	0.296566667
8	0.5	0.4767	0.7558	0.4822	0.495	0.5353	0.3979	0.4598	0.7566	1.5841	1.4914	0.2809	1.7932	
9	0.25	0.4317	0.401	0.4039	0.3273	0.4178	0.4316	0.4638	0.5819	1.347	1.5687	0.305	1.5515	Average CC
10	0	0.3063	0.2883	0.4223	0.2566	0.372	0.352	0.373	0.6422	0.7579	1.7639	0.2766	1.6302	1.773166667
11	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.9297	1.8867	1.937	1.726	1.8807	1.5677	1.8312	1.7296	1.7956	1.8431	0.2732	1.8038	
16	2	1.2098	1.2225	0.8341	0.7861	0.8612	1.1223	1.6392	1.59	1.7985	1.3451	0.3245	1.8648	Average VC
17	1	0.4081	0.4903	0.5745	0.4844	0.6072	0.5701	0.9149	1.0057	1.6429	1.4322	0.3476	1.7513	0.30615
18	0.5	0.5025	0.4945	0.4642	0.5244	0.3871	0.4644	0.6137	0.8118	1.4014	1.442	0.2722	1.9576	
19	0.25	0.3964	0.3674	0.3904	0.3483	0.3699	0.4065	0.4261	0.8514	1.0514	1.3766	0.2984	1.7165	Average CC
20	0	0.2727	0.2999	0.4002	0.3846	0.3296	0.2877	0.3914	0.6365	1.61	1.54	0.321	1.7576	1.8086
21	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.9777	1.2449	1.4144	1.6982	1.8422	1.6264	1.7822	1.6888	1.7478	1.818	0.3299	2.1828	
26	2	1.2656	0.815	0.7275	0.6744	1.0124	0.8648	0.9094	1.2817	1.9459	1.6188	0.3429	2.1137	Average VC
27	1	0.3778	0.4594	0.4778	0.4444	0.5726	0.6352	0.8392	1.2274	1.649	1.3289	0.327	2.134	0.3124
28	0.5	0.5016	0.4168	0.5482	0.38	0.3661	0.549	0.5077	1.3815	1.6093	1.4275	0.2749	1.948	
29	0.25	0.4339	0.3739	0.3623	0.3472	0.3944	0.4475	0.4569	0.6947	1.7386	1.73	0.2956	1.6967	Average CC
30	0	0.3024	0.2924	0.292	0.3011	0.3044	0.2909	0.4269	0.8617	1.5917	1.9596	0.3041	1.8013	1.979416667
31	0	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	80.32	78.71	87.26	99.43	86.8	95.25	92.71	97.48	100			
57	2	61.66	37.67	27.43	32.77	46.16	63.73	62.57	73.53	99.67	76.11			
58	1	7.51	16.68	14.58	13.89	22.15	18.17	34.58	52.84	100	72.06			
59	0.5	12.21	16.63	12.41	10.67	8.26	10.53	14.41	42.98	79.3	74.47			
60	0.25	7.48	4.95	5.29	2.32	5.79	7.98	9.3	26.18	68.77	80.79			
61	0	0	0	4.62	0.61	2.06	0.41	5.91	26.12	64.92	93.44			
62														
63	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	4.29	24.63	26.94	6.29	6.81	9.71	6.71	9.3	10.65	10.93			
67	2	5.21	20.74	6.81	11.49	11.85	20.9	31.34	13.98	1.87	6.15			
68	1	4.01	10.79	4.14	7.2	7.81	1.03	5.14	5.54	12.86	9.95			
69	0.5	0.86	12.92	1.82	5.76	6.93	3.67	5.26	18.36	7.27	7.08			
70	0.25	1.58	1.85	2.16	0.42	2.12	1.24	1.79	8.94	18.09	8.34			
71	0	1.45	0.42	5.1	4.12	2.83	2.89	0.87	5.96	29.6	9.8			
72														
73	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	61.55	61.55	63.29	61.78	62.34	61.71	63.82	71.69	86.51	97.48			
78	1	7.51	7.51	11.69	8.07	9.42	7.89	12.96	31.67	67.55	93.93			
79	0.5	12.21	12.21	16.18	12.76	14.02	12.57	17.4	35.14	69.2	94.24			
80	0.25	7.48	7.48	11.66	8.04	9.39	7.86	12.95	31.65	67.54	93.93			
81	0	0	0	4.62	0.61	2.06	0.41	5.91	26.12	64.92	93.44			
82														
83	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	154.93	
86	4	0	-19.68	-21.29	-12.74	-0.57	-13.2	-4.75	-7.29	-2.52	0	95% confidence	263 - 47	
87	2	0	-23.98	-35.86	-29.01	-16.19	-7.98	-11.25	1.94	13.16	-21.37	interval		
88	1	0	9.18	2.89	5.82	12.73	10.28	21.6	21.17	32.45	-21.87			
89	0.5	0	4.42	-3.77	-2.08	-5.76	-2.04	-2.99	7.84	10.1	-19.77	ANTAGONISM	-326.44	
90	0.25	0	-2.53	-6.37	-5.72	-3.6	0.12	-3.65	-5.47	1.23	-13.14	95% confidence	-54 - -599	
91	0	0	0	0	0	0	0	0	0	0	0	interval		
92														
93	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	-0.4116	0	0	0	0	0	0	SYNERGY	46.84	
97	2	0	0	-22.5124	-6.4896	0	0	0	0	9.4948	-9.316	log volume	#VALUE!	
98	1	0	0	0	0	0	8.2612	11.5256	10.3116	7.2444	-2.368			
99	0.5	0	0	-0.2028	0	0	0	0	0	0	-5.8932	ANTAGONISM	-54.37	
100	0.25	0	0	-2.1364	-4.8968	0	0	-0.1416	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	31.31	
107	2	0	0	-18.3583	0	0	0	0	0	8.3541	-5.5645	log volume	#VALUE!	
108	1	0	0	0	0	0	7.6329	8.3902	6.9322	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	-1.5744	ANTAGONISM	-30.96	
110	0.25	0	0	-0.8188	-4.6406	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.58594	1.17188	2.34375	4.6875	9.375	18.75	37.5	75	150	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	21.52	
117	2	0	0	-13.4483	0	0	0	0	0	7.00583	-1.13035	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	6.89027	4.68426	2.93786	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-18.92
120	0.25	0	0	0	-4.33778	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/ml.)				MacSynergy™ II					Horizontal Drug: TPV (nM)				
3														REPLICATE 1
4														enter data
5	4	1.7678	2.155	1.6593	1.0004	1.8193	1.7538	0.8411	1.1267	1.6494	1.9128	0.3333	1.8215	
6	2	0.5564	0.5711	0.4641	1.0148	0.7263	0.5172	0.5535	0.6989	1.3212	1.4123	0.3098	1.5779	Average VC
7	1	0.4029	0.5376	0.4161	0.5287	0.4214	0.4273	0.5747	0.5141	0.7248	1.4037	0.2906	1.4673	0.299733333
8	0.5	0.4028	0.4055	0.4211	0.4117	0.3963	0.4184	0.472	0.436	0.6655	1.2211	0.2775	1.6142	
9	0.25	0.3684	0.4191	0.4368	0.3931	0.3931	0.3469	0.3729	0.3737	0.5397	1.3739	0.3227	1.7781	Average CC
10	0	0.3195	0.3019	0.3307	0.3148	0.3588	0.2652	0.3122	0.2837	0.6494	1.3124	0.2644	1.6736	1.655433333
11	0	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.6116	1.6809	1.9683	1.4212	1.5332	1.6665	1.0377	1.8206	1.286	1.7928	0.2998	1.8694	
16	2	0.5643	1.4438	0.8972	0.6401	1.0208	0.5653	0.775	0.6703	0.9792	1.3811	0.3471	1.7632	Average VC
17	1	0.5088	0.4618	0.4622	0.4473	0.8512	0.4905	0.3966	0.6696	0.6489	1.5048	0.3052	1.7735	0.3052
18	0.5	0.4077	0.4611	0.4738	0.4544	0.6693	0.3672	0.45	0.3999	0.4741	1.3005	0.3539	1.8701	
19	0.25	0.3725	0.3736	0.4492	0.3876	0.4949	0.4042	0.4026	0.3745	0.4954	1.4978	0.2457	1.7674	Average CC
20	0	0.316	0.3054	0.2983	0.2886	0.3948	0.289	0.3423	0.3022	0.4134	1.2574	0.2795	1.7302	1.795633333
21	0	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.4092	0.8225	1.5648	1.1197	1.3979	1.8274	1.3238	1.8346	1.7086	1.7873	0.3262	2.007	
26	2	0.784	0.5811	2.178	0.7719	0.5522	0.7603	0.7855	0.5376	0.8102	1.3927	0.2859	1.9205	Average VC
27	1	0.3922	0.6204	0.5033	0.4408	0.5056	0.5862	0.4363	0.5006	0.7099	1.4205	0.2964	1.8724	0.29435
28	0.5	0.4258	0.3725	0.4758	0.4989	0.5706	0.4587	0.5116	0.4007	0.5396	1.2011	0.2775	2.0693	
29	0.25	0.3658	0.3308	0.4294	0.4341	0.39	0.327	0.3977	0.4094	0.4993	1.3612	0.2765	2.0282	Average CC
30	0	0.325	0.2977	0.2976	0.317	0.3127	0.2697	0.3336	0.3292	0.407	1.7136	0.3036	1.8919	1.98155
31	0	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	87.34	86.82	95.72	58.49	86.63	96.49	50.03	84.65	83.06	100			
57	2	21.78	37.8	54.5	34.51	31.59	20.37	26.45	24.76	50.38	73.12			
58	1	9.02	15.79	10.6	11.7	19.38	13.05	11.61	17.5	26.35	76.22			
59	0.5	7.42	7.63	10.34	10.13	15.98	7.55	11.77	7.57	17.62	62.83			
60	0.25	4.61	5.18	9.26	6.9	8.43	4.02	6.02	5.64	14.2	74.16			
61	0	1.33	0.12	0.67	0.45	3.82	0	1.91	0.23	13.24	74.23			
62														
63	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	21.11	52.99	18.57	14.26	23.63	9.33	10.67	21.13	16.89	15.42			
67	2	6.32	33.46	51.38	16.06	16.37	6.32	6.8	4.56	22.83	8.52			
68	1	4.12	4.66	1.9	4.61	15.05	3.98	7.6	6.28	4.41	8.22			
69	0.5	0.48	2.92	1.23	1.94	8.66	2.98	1.78	2.15	8.27	7.89			
70	0.25	0.42	3.36	1.11	1.38	3.77	2.4	0.68	1.1	3.04	9.47			
71	0	0.56	0.1	1.43	1.36	2.51	0.76	0.86	1.67	10.87	10.12			
72														
73	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	87.61	87.36	87.42	87.4	87.82	87.34	87.58	87.37	89.02	96.74			
77	2	22.82	21.87	22.3	22.13	24.77	21.78	23.27	21.96	32.14	78.84			
78	1	10.23	9.13	9.63	9.43	12.5	9.02	10.76	9.23	21.07	76.65			
79	0.5	8.65	7.53	8.04	7.84	10.96	7.42	9.19	7.63	18.68	76.14			
80	0.25	5.88	4.72	5.25	5.04	8.25	4.61	6.43	4.83	17.24	75.42			
81	0	2.64	1.45	1.99	1.77	5.1	1.33	3.21	1.68	14.39	74.67			
82														
83	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT		
84	0													
85	0						#VALUE!						SYNERGY	167.11
86	4	-0.17	-0.54	8.3	-28.91	-1.19	9.15	-37.55	-2.72	-5.96	3.26		95% confidence interval	332 - 2
87	2	-1.04	15.93	32.2	12.38	6.82	-1.41	3.18	2.8	18.24	-6.72			
88	1	-1.21	6.66	0.87	2.27	6.88	4.03	0.85	8.27	6.28	-0.33			
89	0.5	-1.23	0.1	2.3	2.29	5.02	0.13	2.58	-0.06	-2.06	-13.31		ANTAGONISM	-110.98
90	0.25	-1.27	0.46	4.01	1.86	0.18	-0.59	-0.41	0.81	-3.04	-1.26		95% confidence interval	-19 - -203
91	0		-1.33	-1.32	-1.32	-1.28	-1.33	-1.3	-1.33	-1.15	-0.34			
92														
93	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	-
95	0						#VALUE!							
96	4	0	0	0	-0.9604	0	0	-16.8328	0	0	0		SYNERGY	1.83
97	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
98	1	0	0	0	0	0	0	0	0	0	0			
99	0.5	-0.2892	0	0	0	0	0	0	0	0	0		ANTAGONISM	-18.53
100	0.25	-0.4468	0	1.8344	0	0	0	0	0	0	0		log volume	#VALUE!
101	0		-1.134	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	68%
105	0						#VALUE!							
106	4	0	0	0	0	0	0	-10.3851	0	0	0		SYNERGY	1.16
107	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0		ANTAGONISM	-10.58
110	0.25	-0.1906	0	1.1673	0	0	0	0	0	0	0		log volume	#VALUE!
111	0		-1.073	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0						#VALUE!							
116	4	0	0	0	0	0	0	-2.76413	0	0	0		SYNERGY	0.36
117	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-2.76
120	0.25	0	0	0.35699	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		-1.0009	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: TPV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.7616	2.1005	2.0371	1.5429	1.6054	1.28	1.7684	1.4728	2.0024	1.9844	0.4126	2.0764	
6	2	0.6925	1.6771	1.8171	0.6282	0.9576	0.9239	1.3151	1.2064	1.0936	1.9996	0.4093	1.9678	<u>Average VC</u>
7	1	0.609	0.556	0.5847	0.5069	0.7117	0.5049	0.4974	0.6736	1.0168	1.3826	0.3481	2.0813	0.393316667
8	0.5	0.6037	0.8601	0.5266	0.4863	0.3987	0.3746	0.4167	0.6275	0.7014	1.2831	0.4121	2.1277	
9	0.25	0.4366	0.4345	0.3873	0.393	0.4084	0.4107	0.4184	0.5185	0.5322	1.4697	0.4205	1.5997	<u>Average CC</u>
10	0	0.3395	0.274	0.3072	0.2935	0.305	0.2694	0.2638	0.3169	0.6738	1.4463	0.3573	1.6303	1.913866667
11	0	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	2.0002	1.8781	2.0481	1.218	1.8601	1.5562	1.8013	1.7228	1.967	1.8808	0.3147	1.8117	
16	2	0.649	0.976	1.7216	0.9232	1.113	1.2674	0.8255	0.651	1.7232	1.7665	0.289	1.7077	<u>Average VC</u>
17	1	0.5148	0.558	0.5991	0.4771	0.5105	0.7582	0.5778	0.548	0.9801	1.3638	0.2915	1.7188	0.286533333
18	0.5	0.5481	0.637	0.436	0.4103	0.4242	0.343	0.3511	1.5658	0.6678	1.4089	0.2523	1.8587	
19	0.25	0.4777	0.4007	0.4121	0.3655	0.3474	0.3901	0.3518	0.5143	0.8664	1.1308	0.2618	1.6304	<u>Average CC</u>
20	0	0.4016	0.2725	0.3062	0.2847	0.4234	0.2544	0.3123	0.3299	0.6449	1.6055	0.3099	1.6824	1.73495
21	0	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.2392	1.9194	1.6584	1.497	0.8806	1.1444	1.8555	1.753	1.7365	1.944	0.3098	2.0749	
26	2	0.7019	1.1397	0.6878	1.0518	0.8031	0.6434	0.7241	0.6864	1.4637	1.8188	0.2942	1.908	<u>Average VC</u>
27	1	0.5666	0.5076	0.6803	0.4905	0.4769	0.3605	0.5075	0.7502	0.8724	1.3087	0.282	1.8965	0.281816667
28	0.5	0.5585	0.4831	0.4498	0.415	0.4206	0.5331	0.4348	0.578	0.8551	1.4641	0.2755	2.1642	
29	0.25	0.5258	0.379	0.4327	0.387	0.3797	0.3492	0.4661	0.516	0.8636	1.3228	0.2818	1.7451	<u>Average CC</u>
30	0	0.3742	0.2666	0.3103	0.2617	0.3278	0.2706	0.2939	0.3427	0.6641	1.8439	0.2476	1.6698	1.90975
31	0	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	89.04	100	100	71.52	75.05	66.32	97.01	86.84	100	100			
57	2	23.5	61.58	72.55	35.57	42.06	41.38	41.67	34.5	72.61	100			
58	1	15.81	14.44	19.55	11.15	15.13	14.91	13.61	21.75	41.7	67.51			
59	0.5	14.1	22.42	9.8	7.61	6.13	6.03	5.13	40.64	27.27	69.54			
60	0.25	10.34	5.52	5.85	3.96	3.74	4.14	5.83	12.78	28.07	64.34			
61	0	3.36	0	0	0	2.16	0	0	0.57	22.22	85.42			
62														
63	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	29.76	6.17	18.75	6.26	36.16	18.67	7.41	14.41	13.45	4.07			
67	2	3.34	19.95	41.32	17.5	13.23	23.1	17.17	16.44	26.57	5.75			
68	1	1.66	4.05	6.2	3.19	4.51	15.34	6.64	6.08	5.84	6.03			
69	0.5	5.95	9.3	0.9	1.31	5.02	8.54	3.97	41.32	7.52	9.85			
70	0.25	6.55	2.62	5.41	3.49	2.54	3	4.97	4	15.58	6.26			
71	0	6.08	3.98	4.17	3.44	7.65	4.31	5.67	4.86	3.33	14.22			
72														
73	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	89.41	89.04	89.04	89.04	89.28	89.04	89.04	89.1	91.48	98.4			
77	2	26.07	23.5	23.5	23.5	25.15	23.5	23.5	23.94	40.5	88.85			
78	1	18.64	15.81	15.81	15.81	17.63	15.81	15.81	16.29	34.52	87.73			
79	0.5	16.99	14.1	14.1	14.1	15.96	14.1	14.1	14.59	33.19	87.48			
80	0.25	13.35	10.34	10.34	10.34	12.28	10.34	10.34	10.85	30.26	86.93			
81	0	6.61	3.36	3.36	3.36	5.45	3.36	3.36	3.91	24.83	85.91			
82														
83	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.37	10.96	10.96	-17.52	-14.23	-22.72	7.97	-2.26	8.52	1.6			
87	2	-2.57	38.08	49.05	12.07	16.91	17.88	18.17	10.56	32.11	11.15			
88	1	-2.83	-1.37	3.74	-4.66	-1.5	-0.9	-2.2	5.46	7.18	-20.22			
89	0.5	-2.89	8.32	-4.3	-6.49	-9.83	-8.07	-8.97	26.05	-5.92	-17.94			
90	0.25	-3.01	-4.82	-4.49	-6.38	-8.54	-6.2	-4.51	1.93	-2.19	-22.59			
91	0		-3.36	-3.36	-3.36	-3.29	-3.36	-3.36	-3.34	-2.61	-0.49			
92														
93	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	0	0	-5.2504	0	0	0	0	0	0			
97	2	0	0	0	0	0	0	0	0	0	0			
98	1	0	0	0	0	0	0	0	0	0	-8.4012			
99	0.5	0	0	-2.536	-3.9224	0	0	-1.1888	0	0	0			
100	0.25	0	0	0	0	-3.5616	-0.32	0	0	0	-10.3204			
101	0		0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	0	0	-1.4318	0	0	0	0	0	0			
107	2	0	0	0	0	0	0	0	0	0	0			
108	1	0	0	0	0	0	0	0	0	0	-4.7229			
109	0.5	0	0	-1.987	-3.1233	0	0	0	0	0	0			
110	0.25	0	0	0	0	-2.0122	0	0	0	0	-6.5018			
111	0		0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.9375	1.875	3.75	7.5	15	30	60	120	240	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0			
117	2	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	-0.37527			
119	0.5	0	0	-1.3381	-2.17879	0	0	0	0	0	0	ANTAGONISM		-6.06
120	0.25	0	0	0	0	-0.18086	0	0	0	0	-1.98834	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: iDV (nM)				
3														REPLICATE 1
4														enter data
5	4	1.9606	0.5228	1.2889	1.7283	1.6935	1.3582	1.7566	1.6015	1.7991	2.0069	0.2559	1.8271	
6	2	0.6586	0.7922	0.5115	0.4123	0.5223	1.1087	0.5358	0.9845	1.1914	1.0953	0.26	1.4953	Average VC
7	1	0.476	0.3532	0.4468	0.5386	0.3811	0.3505	0.3754	0.3597	1.0118	1.8687	0.2674	1.5373	0.25125
8	0.5	0.2572	0.3732	0.3586	0.3605	0.3435	0.2667	0.2957	0.3573	0.5909	1.6601	0.2461	1.9014	
9	0.25	0.307	0.2942	0.3309	0.2995	0.3022	0.3707	0.3001	0.2845	0.5595	0.6698	0.2537	1.8504	Average CC
10	0	0.2601	0.2814	0.2389	0.2359	0.238	0.3622	0.3092	0.4258	0.7304	1.216	0.2244	1.8556	1.744516667
11	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.6786	1.5402	0.8141	1.692	1.3483	1.3594	1.3123	1.3848	1.791	1.9	0.2292	1.6646	
16	2	0.5544	0.6841	0.4882	0.5442	0.5383	1.0873	0.5554	0.6729	0.8749	1.3583	0.2293	1.6655	Average VC
17	1	0.432	0.4527	0.456	0.4216	0.3872	0.3702	0.4186	0.7119	1.0039	0.8347	0.2433	1.5866	0.22445
18	0.5	0.2644	0.3548	0.3801	0.2766	0.3686	0.2442	0.3299	0.3432	0.6809	0.7953	0.2203	1.6656	
19	0.25	0.323	0.3111	0.3499	0.328	0.2831	0.308	0.3271	0.343	0.6522	1.0445	0.2217	1.6297	Average CC
20	0	0.248	0.2452	0.2948	0.2267	0.2368	0.2709	0.2569	0.4421	0.5358	1.3285	0.2029	1.5406	1.625433333
21	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.4588	1.523	1.2642	1.7912	1.5091	1.73	1.7798	1.5996	1.6724	1.8012	0.2595	1.7803	
26	2	0.8009	0.8903	0.4902	0.9215	0.5124	0.5999	0.4499	0.5924	1.4892	1.6033	0.2618	1.8952	Average VC
27	1	0.3724	0.3897	0.3515	0.3888	0.5552	0.3583	0.3711	0.6559	0.9687	1.4684	0.2469	1.8444	0.244133333
28	0.5	0.3242	0.3604	0.3837	0.2889	0.3901	0.2773	0.3694	0.3548	1.026	1.4463	0.2233	2.0365	
29	0.25	0.3049	0.3643	0.3547	0.3433	0.3248	0.3616	0.2624	0.2917	0.652	0.7121	0.274	1.698	Average CC
30	0	0.2235	0.2612	0.2885	0.229	0.2406	0.2957	0.2395	0.3673	0.6983	1.1852	0.1993	1.6854	1.822966667
31	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	96.02	64.37	58.73	100	85.64	83.08	91.91	86.37	100	100			
57	2	33.16	36.65	17.28	25.5	19.18	47.18	18.57	34.39	62.75	74.51			
58	1	12.66	10.78	12.14	14.16	13.34	8.08	10.07	22.71	50.82	76.47			
59	0.5	2.77	8.28	9.05	4.62	8.57	1.52	6.15	7.53	34.95	70.41			
60	0.25	4.87	5.56	7.1	5.63	4.24	7.13	3.92	4.57	25.67	38.73			
61	0	0.32	1.53	2.33	0	0	4.67	1.97	11.46	27.69	67.67			
62														
63	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	18.78	40.51	14.62	3.67	9.48	10.15	12.48	3.83	10.78	11.57			
67	2	8.75	4.08	1.63	16.23	2.85	21.45	5.31	13.68	16.22	15.79			
68	1	3.93	4.92	4.93	5.04	5.7	2.02	3.28	14.07	4.87	32.39			
69	0.5	2.34	0.97	1.97	2.37	2.14	0.54	2.75	0.82	13.64	27.26			
70	0.25	1.87	2.43	1.81	2.15	0.85	1.05	3.14	3.4	4.95	17.17			
71	0	1.51	0.47	2.95	0.67	0.89	2.39	2.11	4.19	6.02	9.96			
72														
73	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	96.03	96.08	96.11	96.02	96.02	96.21	96.1	96.48	97.12	98.71			
77	2	33.37	34.18	34.72	33.16	33.16	36.28	34.48	40.82	51.67	78.39			
78	1	12.94	14	14.7	12.66	12.66	16.74	14.38	22.67	36.84	71.76			
79	0.5	3.08	4.26	5.04	2.77	2.77	7.31	4.69	13.91	29.69	68.67			
80	0.25	5.17	6.33	7.09	4.87	4.87	9.31	6.74	15.77	31.21	69.24			
81	0	0.64	1.85	2.64	0.32	0.32	4.98	2.28	11.74	27.92	67.77			
82														
83	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	78.52	
86	4	-0.01	-31.71	-37.38	3.98	-10.38	-13.13	-4.19	-10.11	2.88	1.29	95% confidence interval	149 - 8	
87	2	-0.21	2.47	-17.44	-7.66	-13.98	10.9	-15.91	-6.43	11.08	-3.88			
88	1	-0.28	-3.22	-2.86	1.5	0.68	-8.65	-4.31	0.04	13.98	4.71	ANTAGONISM	-257.87	
89	0.5	-0.31	4.02	4.01	1.85	5.8	-5.79	1.46	-6.38	5.26	1.84	95% confidence interval	-58 - -457	
90	0.25	-0.3	-0.77	0.01	0.76	-0.63	-2.18	-2.82	-11.2	-5.54	-30.51			
91	0		-0.32	-0.31	-0.32	-0.32	-0.31	-0.31	-0.28	-0.23	-0.1			
92														
93	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	-8.7248	0	0	0	0	-2.6032	0	0	SYNERGY	8.31	
97	2	0	0	-14.2452	0	-8.394	0	-5.5024	0	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	-4.6908	0	0	4.4348	0	ANTAGONISM	-58.32	
99	0.5	0	2.1188	0.1488	0	1.6056	-4.7316	0	-4.7728	0	0	log volume	#VALUE!	
100	0.25	0	0	0	0	0	-0.122	0	-4.536	0	0			
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	-0.2669	0	0	SYNERGY	3.29	
107	2	0	0	-13.2609	0	-6.6555	0	-2.2633	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	-3.4586	0	0	1.4641	0	ANTAGONISM	-37.03	
109	0.5	0	1.5271	0	0	0.3002	-4.4022	0	-4.2726	0	0	log volume	#VALUE!	
110	0.25	0	0	0	0	0	0	0	-2.462	0	0			
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0.83	
117	2	0	0	-12.0767	0	-4.60065	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	-2.00218	0	0	0	0			
119	0.5	0	0.82773	0	0	0	-4.01286	0	-3.68138	0	0	ANTAGONISM		-26.38
120	0.25	0	0	0	0	0	0	0	-0.0106	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/ml)				MacSynergy™ II					Horizontal Drug: IDV (nM)				
3														REPLICATE 1
4														enter data
5	4	1.8885	1.0698	0.9576	1.642	1.2088	1.7122	1.207	1.2043	1.8217	1.9092	0.3566	2.0191	
6	2	1.1491	0.6484	0.5184	1.3345	0.6025	0.6474	1.1799	1.2475	0.6903	1.5852	0.3516	1.9056	Average VC
7	1	0.4799	0.6957	0.6921	1.0884	0.5295	0.4712	0.4832	0.5384	0.9038	1.2185	0.3376	1.9377	0.3956
8	0.5	0.4689	0.9271	0.4134	0.4754	0.4179	0.3973	0.4162	0.5461	0.4615	1.1253	0.3804	1.9117	
9	0.25	0.3982	0.4434	0.4536	0.36	0.3998	0.3766	0.3665	0.5476	0.5803	0.8991	0.6981	1.8414	Average CC
10	0	0.4249	0.3401	0.346	0.3237	0.3888	0.3254	0.336	0.3995	0.5262	1.118	0.3493	1.8804	1.915983333
11	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.8722	1.6864	1.4717	1.633	1.6303	1.6535	1.7486	1.7838	1.7621	1.9562	0.3061	1.9183	
16	2	0.8223	1.0838	1.0567	0.6719	0.7259	1.1097	0.9382	0.7504	1.231	1.6618	0.2916	1.7672	Average VC
17	1	0.4665	0.5738	0.9298	1.1185	0.5524	0.5158	1.0898	0.9612	0.8657	1.1839	0.301	1.8629	0.301883333
18	0.5	0.4232	0.8704	0.814	1.3282	0.5428	1.2715	0.4051	0.6414	0.6751	1.2507	0.2867	1.9233	
19	0.25	0.4619	0.8005	0.4248	0.3956	0.3489	0.3293	0.3264	0.537	0.6412	1.1587	0.3311	1.7087	Average CC
20	0	0.3722	0.282	0.3113	0.3262	0.3194	0.3115	0.367	0.4197	0.3863	1.581	0.2948	1.6689	1.808216667
21	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.9495	1.7605	1.953	1.6219	1.8296	1.7854	1.7187	1.8815	1.7528	1.5765	0.3336	2.0096	
26	2	0.8214	0.7631	0.9179	0.6765	0.5834	0.4794	0.4836	0.7282	1.5834	1.7631	0.3072	1.9066	Average VC
27	1	0.3892	0.4616	0.6463	0.5114	1.7018	0.9289	0.6017	0.5418	0.8418	1.2339	0.3078	1.9796	0.302966667
28	0.5	0.4494	0.6821	0.8538	0.405	0.7795	0.648	0.6164	0.5303	0.7449	1.2227	0.245	1.9537	
29	0.25	0.4788	0.4529	0.4851	0.437	0.3571	0.395	0.3977	0.5134	0.649	1.1885	0.3374	1.5706	Average CC
30	0	0.3618	0.3525	0.3504	0.357	0.3345	0.3408	0.3282	0.3691	0.5149	1.8429	0.2868	1.8735	1.882266667
31	0	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	76.18	73.03	84.62	79.44	90.06	79.68	83.84	94.18	96.67			
57	2	38.98	32.56	32.35	34.44	19.84	27.12	35.09	37.58	54.05	86.99			
58	1	7.31	16.94	27.64	37.66	38	19.62	26.66	22.76	34.99	57.21			
59	0.5	7.38	32.24	23.35	26.61	15.88	28.78	9.35	13.4	19.03	56.41			
60	0.25	7.09	15.25	7.84	4.12	2.28	2.13	1.9	12.96	18.86	48.69			
61	0	3.44	0	0.12	0.1	0.9	0	1.11	4.09	9.2	76.65			
62														
63	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	3.5	27.57	33.99	3.33	22.86	3.65	23.01	26.56	2.69	14.8			
67	2	9.2	17.89	21.74	23.82	7.49	23.11	21.01	16.05	31.55	7.65			
68	1	3.13	6.18	12.21	21.62	43.97	17.99	23.99	18.42	2.14	2.68			
69	0.5	2.3	7.26	19.21	35.96	14.35	32.68	9.5	3.12	12.83	7.66			
70	0.25	6.57	15.79	3.87	5.71	1.74	3.55	3.96	2.82	5.82	13.49			
71	0	1.39	3.45	3.16	4.28	1.24	3.65	4.8	3.78	3.94	26			
72														
73	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	41.08	38.98	39.05	39.04	39.53	38.98	39.66	41.48	44.69	85.75			
78	1	10.5	7.31	7.42	7.4	8.14	7.31	8.34	11.1	15.84	78.36			
79	0.5	10.57	7.38	7.49	7.47	8.21	7.38	8.41	11.17	15.9	78.37			
80	0.25	10.29	7.09	7.2	7.18	7.93	7.09	8.12	10.89	15.64	78.31			
81	0	6.76	3.44	3.56	3.54	4.31	3.44	4.51	7.39	12.32	77.45			
82														
83	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	269.45	
86	4	0	-23.82	-26.97	-15.38	-20.56	-9.94	-20.32	-16.16	-5.82	-3.33	95% confidence interval	513 - 26	
87	2	-2.1	-6.42	-5.7	-4.5	-19.69	-11.86	-4.57	-3.9	9.46	1.24			
88	1	-3.19	8.53	20.22	30.26	29.86	12.31	17.32	11.66	19.15	-21.15	ANTAGONISM	-304.34	
89	0.5	-3.19	24.86	15.86	19.14	7.67	21.4	0.94	2.23	3.13	-21.96	95% confidence interval	-46 - -563	
90	0.25	-3.2	8.16	0.64	-3.06	-5.65	-4.96	-6.22	2.09	3.22	-29.62			
91	0		-3.44	-3.44	-3.44	-3.41	-3.44	-3.4	-3.3	-3.12	-0.8			
92														
93	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	-8.8532	0	-2.786	0	0	-0.7436	0	SYNERGY	25.59	
97	2	0	0	0	0	-5.0096	0	0	0	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	14.9556	-15.8972			
99	0.5	0	10.6304	0	0	0	0	0	0	0	-6.9464	ANTAGONISM	-45.66	
100	0.25	0	0	0	0	-2.2396	0	0	0	0	-3.1796	log volume	#VALUE!	
101	0		0	0	0	-0.9796	0	0	0	0	0			
102														
103	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	-8.8219	0	-0.5595	0	0	0	0	SYNERGY	19.85	
107	2	0	0	0	0	-0.4407	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	13.6502	-14.2624	ANTAGONISM	-25.54	
109	0.5	0	6.2018	0	0	0	0	0	0	0	-2.2738	log volume	#VALUE!	
110	0.25	0	0	0	0	-1.1782	0	0	0	0	0			
111	0		0	0	0	-0.2232	0	0	0	0	0			
112														
113	[DRUG]	0	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	10	20	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	-4.42097	0	0	0	0	0	0	SYNERGY	13.07	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	7	0	0	0	0	0	0	0	0	12.1073	-12.3301			
119	0.5	0	0.96734	0	0	0	0	0	0	0	0	ANTAGONISM		-16.75
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: SQV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.6068	1.3574	1.412	0.9747	1.6262	1.474	1.8172	1.1222	1.5981	1.2264	0.2313	1.5765	
6	2	0.6914	0.61	0.6042	1.0894	0.6266	0.6021	1.0836	0.5654	1.5679	0.9998	0.2625	1.2741	<u>Average VC</u>
7	1	0.6948	1.0121	0.6936	0.7381	0.7655	0.7698	0.6586	0.6353	0.7052	1.3024	0.2756	1.4288	0.249216667
8	0.5	0.5629	0.7562	0.4745	0.6384	0.4245	0.4611	0.4308	0.6258	0.5721	1.4935	0.2328	1.5876	
9	0.25	0.4409	0.4166	0.3625	0.392	0.3401	0.328	0.3838	0.4469	0.5693	1.1617	0.2562	1.4946	<u>Average CC</u>
10	0	0.3002	0.3044	0.3298	0.2602	0.2615	0.2909	0.306	0.4888	0.3811	1.2108	0.2368	1.0524	1.402333333
11	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.2776	0.8038	1.6197	1.0303	1.6076	1.4371	1.5563	1.1933	1.6984	1.2289	0.2608	1.6972	
16	2	0.8805	1.245	0.753	1.1168	0.7017	0.7162	0.6138	0.779	1.3977	0.9791	0.2907	1.793	<u>Average VC</u>
17	1	0.6878	0.8763	0.8385	0.64	0.7164	0.7129	0.4793	0.6328	1.5973	1.3829	0.3258	1.6994	0.26215
18	0.5	0.7387	0.5516	0.5872	0.4195	0.4776	0.3449	0.3788	0.4581	0.5297	1.8	0.258	1.2526	
19	0.25	0.552	0.443	0.5092	0.3015	0.3585	0.299	0.3641	0.3616	0.5671	1.0555	0.2165	1.7263	<u>Average CC</u>
20	0	0.2919	0.3513	0.3617	0.2693	0.3124	0.2699	0.2842	0.2733	0.4242	1.1305	0.2211	1.5918	1.626716667
21	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.338	1.6245	1.8205	0.7027	1.0887	1.5121	0.9377	1.5589	1.7973	1.0239	0.3161	2.2939	
26	2	0.7094	0.8777	0.8012	1.1007	0.9081	0.5049	0.6596	0.7043	1.8264	1.0923	0.4122	2.1629	<u>Average VC</u>
27	1	0.9841	0.8355	0.7641	0.4238	0.6535	0.7475	0.8933	0.6603	1.5054	1.1797	0.3098	2.0349	0.3138
28	0.5	0.5339	0.4187	0.5232	0.3228	0.737	0.3535	0.3673	0.5705	0.7573	1.0545	0.3197	2.0321	
29	0.25	0.4838	0.4333	0.4772	0.3321	0.4352	0.3001	0.3635	0.5007	0.578	1.223	0.2586	1.8479	<u>Average CC</u>
30	0	0.308	0.2916	0.3118	0.2826	0.2847	0.2518	0.3139	0.3042	0.3731	1.212	0.2664	1.8941	2.0443
31	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	83.78	70.51	95.8	47.23	87.6	87.19	88.96	71.96	100	65.54			
57	2	35.61	45.3	31.64	60.32	33.09	24.97	39.37	29.29	94.99	54.21			
58	1	36.19	49.55	35.6	25.48	32.56	34.12	26.3	26.89	68.75	74.5			
59	0.5	26.87	23.75	18.49	15.27	18.48	8.91	9.13	17.73	24.41	87.8			
60	0.25	15.9	11.56	12.46	5.44	7.32	2.91	7.34	11.74	21.79	63.27			
61	0	2.09	3.35	4.72	0	1.02	0.2	2.18	7.01	8.91	66.31			
62														
63	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	30.38	28.57	7.59	21.69	38.51	18.51	50.22	3.73	15.79	22.33			
67	2	11.49	23.15	3.97	13.84	1.11	12.14	28.71	7.82	16.9	10.16			
68	1	4.33	18.17	8.5	18.12	12.69	9.65	10.78	6.73	29.15	21.68			
69	0.5	8.22	19.08	5.93	16.93	5.18	8.41	6.35	5.43	4.33	39.04			
70	0.25	5.74	4.08	4.89	6.08	0.49	3.82	4.4	4.99	6.26	14.02			
71	0	2.38	4.1	4.19	1.48	2.68	3.61	2.51	11.94	4.76	15.91			
72														
73	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0					#VALUE!								
76	4	84.12	84.32	84.55	83.78	83.95	83.81	84.13	84.92	85.23	94.64			
77	2	36.86	37.67	38.55	35.51	36.17	35.64	36.92	40.03	41.26	78.27			
78	1	37.52	38.33	39.2	36.19	36.84	36.32	37.58	40.66	41.88	78.5			
79	0.5	28.4	29.32	30.32	26.87	27.62	27.02	28.46	32	33.39	75.36			
80	0.25	17.66	18.72	19.87	15.9	16.76	16.07	17.73	21.8	23.39	71.67			
81	0	4.14	5.37	6.71	2.09	3.09	2.29	4.22	8.95	10.81	67.01			
82														
83	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0					#VALUE!							SYNERGY	177.03
86	4	-0.34	-13.81	11.25	-36.55	3.65	3.38	4.83	-12.96	14.77	-29		95% confidence interval	333 - 21
87	2	-1.35	7.63	-6.91	24.81	-3.08	-10.67	2.45	-10.74	53.73	-24.06			
88	1	-1.33	11.22	-3.6	-10.71	-4.28	-2.2	-9.28	-13.77	26.87	-4			
89	0.5	-1.53	-5.57	-11.83	-11.6	-9.14	-18.11	-19.33	-14.27	-8.98	12.44		ANTAGONISM	-378.84
90	0.25	-1.76	-7.16	-7.41	-10.46	-9.44	-13.16	-10.39	-10.06	-1.6	-8.4		95% confidence interval	-40 - -717
91	0		-2.02	-1.99	-2.09	-2.07	-2.09	-2.04	-1.94	-1.9	-0.7			
92														
93	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0												Bonferroni Adj.	
95	0					#VALUE!								
96	4	0	0	0	0	0	0	0	-5.6492	0	0		SYNERGY	20.61
97	2	0	0	0	0	-0.9044	0	0	0	20.606	-4.1464		log volume	#VALUE!
98	1	0	0	0	0	0	0	0	-0.5792	0	0			
99	0.5	0	0	-0.2072	0	0	-1.6264	-6.884	-3.6272	-0.4932	0		ANTAGONISM	-40.32
100	0.25	0	0	0	0	-8.4796	-5.6728	-1.766	-0.2796	0	0		log volume	#VALUE!
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0												Bonferroni Adj.	69%
105	0					#VALUE!								
106	4	0	0	0	0	0	0	0	-3.3739	0	0		SYNERGY	10.3
107	2	0	0	0	0	-0.2273	0	0	0	10.297	0		log volume	#VALUE!
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	-3.0105	-0.3149	0	0		ANTAGONISM	-18.45
110	0.25	0	0	0	0	-8.1807	-3.3426	0	0	0	0		log volume	#VALUE!
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0												Bonferroni Adj.	97%
115	0					#VALUE!								
116	4	0	0	0	0	0	0	0	-0.68457	0	0		SYNERGY	0
117	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-9.1
120	0.25	0	0	0	0	-7.82741	-0.58838	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: SQV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.1828	1.593	1.8248	1.6154	1.9425	1.3773	1.635	1.6318	1.771	1.7982	0.299	1.9226	
6	2	0.5574	0.8863	1.1025	1.3401	0.9085	0.857	0.5698	1.0585	1.3964	1.3267	0.3501	1.8682	Average VC
7	1	0.3949	0.5136	0.6634	0.4424	0.5035	0.4453	0.4942	0.7142	0.6955	1.3931	0.3078	1.6982	0.332433333
8	0.5	0.433	0.4954	0.4815	0.4734	0.3993	0.4061	0.3723	0.4048	0.5792	1.4047	0.341	2.0516	
9	0.25	0.4122	0.393	0.6096	0.3762	0.4135	0.4814	0.3619	0.4096	0.5094	1.3961	0.3861	1.6628	Average CC
10	0	0.3526	0.2871	0.3398	0.2372	0.2974	0.3053	0.2644	0.3209	0.4454	1.5222	0.3106	1.6873	1.781783333
11	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	cc	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.4531	1.6691	1.7552	1.0822	1.5996	1.5936	1.6031	1.5001	1.5673	1.7801	0.2427	1.8563	
16	2	0.481	1.9822	0.6695	0.573	0.6807	0.6917	0.4733	0.8418	1.2618	1.3896	0.2811	1.8617	Average VC
17	1	0.5099	0.7895	0.4579	0.4212	0.5402	0.3855	0.3753	0.5661	0.6088	1.5343	0.2304	1.7252	0.260083333
18	0.5	0.4328	0.5285	0.5286	0.4279	0.7072	0.3503	0.3479	0.6321	0.5356	1.6804	0.2544	1.9422	
19	0.25	0.4321	0.4621	0.3995	0.3549	0.3836	0.3902	0.3593	0.373	0.5136	1.5208	0.2945	1.8099	Average CC
20	0	0.3629	0.2921	0.3879	0.2767	0.3028	0.2871	0.2745	0.2844	0.387	1.6052	0.2574	1.6799	1.812533333
21	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	cc	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.8076	1.743	1.1276	1.3762	1.7957	1.337	1.6784	1.2385	1.6772	1.8179	0.3628	2.1487	
26	2	0.7523	0.8281	0.6809	0.9907	0.6026	1.0062	0.5088	1.0243	1.2138	1.4305	0.2988	2.1897	Average VC
27	1	0.3763	0.7931	0.8207	0.4164	0.503	0.7223	0.6233	0.6902	1.7838	1.401	0.2857	2.0354	0.301883333
28	0.5	0.4835	0.4091	0.5485	0.3788	0.4766	0.3853	0.3938	0.4979	0.8089	2.1444	0.2806	2.1622	
29	0.25	0.4426	0.4813	0.464	0.4102	0.4013	0.4392	0.3786	0.3684	0.5181	1.4119	0.3002	1.7829	Average CC
30	0	0.3691	0.3077	0.3287	0.2586	0.2698	0.2774	0.3366	0.385	0.409	1.5917	0.2832	1.7145	2.005566667
31	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	cc	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	cc	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	cc	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	74.63	87.44	82.58	68.18	95.02	72.92	85.73	74.63	88.06	96.01			
57	2	18.73	60.01	33.92	43.37	28.16	32.96	14.09	43.32	63.82	69.2			
58	1	8.26	25.14	22.01	8.21	13.88	13.51	12.48	22.95	44.83	73.26			
59	0.5	9.67	11.61	14.02	8.35	14.54	5.26	4.6	13.49	21.51	91.21			
60	0.25	8.28	9.24	12.54	5.16	6.46	8.91	4.31	5.5	13.74	73.25			
61	0	3.99	0	3.44	0	0	0	0	1.88	7.42	81.48			
62														
63	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	14.98	3.11	29.73	18.33	13.94	12.59	4.59	17.88	9.85	6.29			
67	2	6.71	44.25	16.77	24.82	11.09	10.37	2.14	6.36	9.96	3.3			
68	1	6.79	11.26	8.88	1.93	3.6	9.67	5.84	3.32	36.53	8.78			
69	0.5	2.29	5.51	3.53	3.37	12.66	0.48	1.61	9.64	7.15	17.08			
70	0.25	2.79	4.56	5.71	1.86	1.3	1.2	2.19	1.69	2.25	8.03			
71	0	2.62	2.64	4.19	3.82	2.84	1.97	3.61	2.85	1	5.49			
72														
73	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	75.64	74.63	75.5	74.63	74.63	74.63	74.63	75.11	76.51	95.3			
77	2	21.97	18.73	21.53	18.73	18.73	18.73	18.73	20.26	24.76	84.95			
78	1	11.92	8.26	11.42	8.26	8.26	8.26	8.26	9.98	15.07	83.01			
79	0.5	13.18	9.57	12.68	9.57	9.57	9.57	9.57	11.27	16.28	83.25			
80	0.25	11.94	8.28	11.44	8.28	8.28	8.28	8.28	10	15.09	83.01			
81	0	7.82	3.99	7.29	3.99	3.99	3.99	3.99	5.79	11.11	82.22			
82														
83	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-1.01	12.81	7.08	-6.45	20.39	-1.71	11.1	-0.28	11.55	0.71	95% confidence interval	339.47	634 - 45
87	2	-3.24	41.28	12.39	24.64	9.43	14.23	-4.64	23.06	39.06	-15.75			
88	1	-3.66	16.88	10.59	-0.05	5.62	5.25	4.22	12.97	29.76	-9.75			
89	0.5	-3.61	2.04	1.34	-1.22	4.97	-4.31	-4.97	2.22	5.23	7.96	95% confidence interval	ANTAGONISM	-88.83
90	0.25	-3.66	0.96	1.1	-3.12	-1.82	0.63	-3.97	-4.5	-1.35	-9.76			
91	0		-3.99	-3.85	-3.99	-3.99	-3.99	-3.99	-3.91	-3.69	-0.74			
92														
93	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	6.7144	0	0	0	0	2.1036	0	0	0	SYNERGY	45.41	
97	2	0	0	0	0	0	0	-0.4456	10.5944	19.5384	-9.282	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	6.4628	0	0			
99	0.5	0	0	0	0	0	0	-3.3692	-1.8144	0	0	ANTAGONISM	-16.1	
100	0.25	0	0	0	0	0	0	0	-1.1876	0	0	log volume	#VALUE!	
101	0		0	0	0	0	-0.1288	0	0	-1.73	0			
102														
103	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	4.8173	0	0	0	0	0	0	0	0	SYNERGY	29.43	
107	2	0	0	0	0	0	0	0	6.7148	13.4628	-7.269	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	4.4376	0	0			
109	0.5	0	0	0	0	0	-3.0764	-0.8323	0	0	0	ANTAGONISM	-11.33	
110	0.25	0	0	0	0	0	0	0	-0.1567	0	0	log volume	#VALUE!	
111	0		0	0	0	0	0	0	0	0	-1.12	0		
112														
113	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	2.57499	0	0	0	0	0	0	0	0	SYNERGY	13.03	
117	2	0	0	0	0	0	0	0	2.12924	6.28164	-4.8897	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	2.04388	0	0			
119	0.5	0	0	0	0	0	-2.73032	0	0	0	0	ANTAGONISM		-7.62
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	-0.399	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/ml)				MacSynergy™ II				Horizontal Drug: RPV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.0796	1.2461	1.0267	1.3342	1.2652	1.122	1.1681	1.1593	1.0012	1.3768	0.4169	1.3421	
6	2	0.623	0.914	0.937	0.5707	0.8217	0.5916	1.0124	0.5533	1.1374	1.2013	0.3439	1.1433	Average VC
7	1	0.5905	0.7593	0.5807	0.5855	0.6807	0.757	0.8534	0.6716	0.7498	1.4014	0.6114	1.0123	0.467
8	0.5	0.635	0.8321	0.6221	0.6398	0.6058	0.5466	0.7225	0.5158	0.6568	1.6674	0.4858	1.1339	
9	0.25	0.5864	0.5706	0.5313	0.6207	0.5238	0.5595	0.5034	0.5114	0.5971	1.3708	0.4963	1.5325	Average CC
10	0	0.4822	0.4136	0.507	0.4458	0.4493	0.4749	0.4376	0.4021	0.5965	1.4918	0.4477	1.2729	1.2395
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.1659	1.5612	1.052	1.3836	0.9953	1.4105	1.1432	1.325	1.0744	1.4214	0.4195	1.1564	
16	2	0.8977	0.6804	0.8102	0.433	0.9836	0.3591	0.7834	0.4291	0.6515	1.5251	0.45	1.0622	Average VC
17	1	0.5167	0.7591	0.7684	0.4464	0.669	0.9252	0.6457	0.6322	0.6846	1.1266	0.408	1.1833	0.4138
18	0.5	0.6425	0.7241	0.9678	0.6818	0.8108	0.6946	0.5395	0.6363	0.6215	1.4206	0.3902	1.4145	
19	0.25	0.5004	0.6872	0.6343	0.5824	0.5799	0.5143	0.6338	0.4987	0.6037	1.4326	0.3855	1.3103	Average CC
20	0	0.4516	0.4131	0.4182	0.4508	0.4366	0.3911	0.415	0.4186	0.3994	1.3348	0.4296	1.388	1.25245
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.0954	1.5089	1.4698	1.3948	1.3588	1.302	1.3996	1.2717	1.0619	1.3211	0.4631	1.2688	
26	2	0.7734	0.7806	0.8732	0.5519	0.9493	0.6318	0.8178	0.617	0.9654	1.3682	0.3776	1.0517	Average VC
27	1	0.5611	0.6549	0.7077	0.5002	0.6351	0.6259	0.5389	0.7044	0.6444	1.3795	0.4209	1.2429	0.41475
28	0.5	0.5694	0.5783	0.9966	0.6555	0.693	0.6537	0.9393	0.8517	1.2647	1.2811	0.4186	1.5115	
29	0.25	0.5008	0.551	0.5399	0.4905	0.5424	0.5397	0.613	0.5811	0.607	1.214	0.4355	1.4537	Average CC
30	0	0.6168	0.4097	0.4324	0.5019	0.482	0.4082	0.476	0.4237	0.4211	1.3233	0.3728	1.4872	1.335966667
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	80.96	100	87.69	100	91.71	99.98	94.86	97.1	72.72	100			
57	2	38.94	43.12	52.62	10.55	57.29	11.06	52.81	11.65	58.3	100			
58	1	14.71	35.03	29.6	9.5	27.34	40.46	30.38	27.99	31.28	100			
59	0.5	21.94	34.01	49.77	26.82	31.84	23.24	35	26.76	47.2	100			
60	0.25	11.66	20.27	16.07	16.07	13.67	12.51	17.49	11.31	20.12	100			
61	0	9.47	0	2.54	3.71	2.58	0	1	0	6.25	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	8.03	17.98	23.31	4.68	19.38	17.32	10.59	10.15	5.26	11.94			
67	2	18.75	13.37	7.22	7.15	11.03	15.67	15.41	10.07	25.25	19.65			
68	1	2.12	7.94	13.91	5.73	3.27	19.2	18.42	3	5.91	18.01			
69	0.5	5.24	14.98	25.75	4.83	14.76	11.83	21.04	20.56	39.03	24.22			
70	0.25	3.21	10.7	9.24	6.8	6.23	0.91	11.31	6.24	2.97	18.89			
71	0	10.87	3.82	2.39	6.13	4.8	1.87	5.28	5.3	10.05	17.35			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	82.76	80.96	81.44	81.67	81.45	80.96	81.15	80.96	81.96	100			
77	2	44.72	38.94	40.49	41.21	40.52	38.94	39.55	38.94	42.15	100			
78	1	22.79	14.71	16.88	17.87	16.91	14.71	15.56	14.71	19.19	100			
79	0.5	29.33	21.94	23.92	24.84	23.95	21.94	22.72	21.94	26.04	100			
80	0.25	20.03	11.66	13.9	14.94	13.94	11.66	12.54	11.66	16.3	100			
81	0	18.04	9.47	11.77	12.83	11.81	9.47	10.38	9.47	14.22	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	383.57	
86	4	-1.8	19.04	6.25	18.33	10.26	19.02	13.73	16.14	-9.24	0	95% confidence interval	741 - 26	
87	2	-5.78	4.18	12.13	-30.66	16.77	-27.88	13.26	-27.29	16.15	0			
88	1	-8.08	20.32	12.72	-8.37	10.43	25.77	14.82	13.28	12.09	0			
89	0.5	-7.39	12.07	25.85	1.98	7.89	1.3	12.28	4.82	21.16	0	ANTAGONISM	-135.48	
90	0.25	-8.37	8.61	2.17	1.13	-0.27	0.85	4.95	-0.35	3.82	0	95% confidence interval	-30 - -241	
91	0	-9.47	-9.23	-9.12	-9.23	-9.47	-9.38	-9.47	-8.97	-8.97	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	9.1572	0	0	0	0	0	0	SYNERGY	25.84	
97	2	0	0	0	-16.646	0	0	0	-7.5528	0	0	log volume	#VALUE!	
98	1	-3.9248	4.7576	0	0	4.0208	0	0	7.4	0.5064	0			
99	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-30.2	
100	0.25	-2.0784	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
101	0	-1.9828	-4.5456	0	0	-5.8048	0	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	6.3024	0	0	0	0	0	0	SYNERGY	13.9	
107	2	0	0	0	-12.2845	0	0	0	-1.4101	0	0	log volume	#VALUE!	
108	1	-2.6316	0	0	0	2.0261	0	0	5.57	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-16.45	
110	0.25	-0.1203	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	-3.0877	0	0	-4.6641	0	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	2.92812	0	0	0	0	0	0	SYNERGY	6.34	
117	2	0	0	0	-7.12935	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	-1.10308	0	0	0	0	0	0	3.407	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-8.23
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	-1.36451	0	0	-3.31583	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/mL)			MacSynergy™ II					Horizontal Drug: RPV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4217	1.6623	1.6583	1.6729	1.7365	1.702	0.9831	1.7149	1.6835	1.75	0.3151	1.8482	
6	2	0.6874	0.8555	0.5778	0.585	0.6175	0.6748	1.3523	0.8216	0.6765	1.1237	0.2545	1.82	<u>Average VC</u>
7	1	0.4586	0.7948	0.4165	0.4007	0.3717	0.3985	0.4114	0.4495	0.4764	1.1307	0.3091	1.8406	0.30065
8	0.5	0.3607	0.4409	0.3239	0.3958	0.3524	0.3167	0.3297	0.3739	0.4066	1.5085	0.3052	2.0584	
9	0.25	0.4214	0.3296	0.3374	0.2824	0.3642	0.2826	0.324	0.3843	0.4161	1.4965	0.335	1.8972	<u>Average CC</u>
10	0	0.3148	0.2578	0.2922	0.238	0.2683	0.267	0.2922	0.3235	0.3097	1.3568	0.285	1.8533	1.886283333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.6185	1.3394	1.4577	1.5795	1.4227	1.4307	1.417	1.7164	1.6749	1.8723	0.267	1.7467	
16	2	0.6087	0.6374	0.5022	0.711	0.6621	0.7577	1.0637	0.549	0.6062	1.1016	0.25	1.8066	<u>Average VC</u>
17	1	0.5338	0.3774	0.4084	0.4379	0.4984	0.3704	0.4278	0.4535	0.4393	1.143	0.2445	1.6584	0.264683333
18	0.5	0.3977	0.3398	0.3914	0.333	0.3387	0.3617	0.3192	0.3855	0.4978	1.5948	0.2749	1.6707	
19	0.25	0.4436	0.2941	0.3284	0.3204	0.3432	0.32	0.3158	0.3535	0.365	1.3965	0.2494	1.7283	<u>Average CC</u>
20	0	0.3246	0.2398	0.2778	0.2334	0.2781	0.2453	0.3078	0.3982	0.3033	1.4492	0.3023	1.6913	1.75
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.3948	1.548	1.0863	1.7359	1.597	1.6572	1.7162	1.5975	1.6716	1.3831	0.2795	1.7777	
26	2	0.5389	1.0689	0.422	0.5683	0.5875	0.5618	0.6997	0.8966	0.4726	1.5803	0.2691	1.7701	<u>Average VC</u>
27	1	0.4694	0.4516	0.4439	0.4156	0.441	0.3966	0.403	0.4628	0.5065	1.5855	0.2575	1.7649	0.276216667
28	0.5	0.377	0.3537	0.403	0.3651	0.3541	0.3433	0.3391	0.4271	0.4261	1.5002	0.3	1.9498	
29	0.25	0.3694	0.329	0.3885	0.2689	0.378	0.3088	0.3788	0.3735	0.4984	1.084	0.2652	1.7072	<u>Average CC</u>
30	0	0.3014	0.2273	0.2494	0.2437	0.2621	0.2454	0.2939	0.2901	0.3019	1.5439	0.286	1.7048	1.779083333
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	78.76	78.85	73.28	88.63	85.47	86.26	72.15	91.62	91.67	91.1			
57	2	19.64	37.61	14.39	22.47	18.14	25.26	49.43	31.09	19.92	66.01			
58	1	13.64	16.81	9.38	9.08	10.39	7.1	8.8	11.5	12.72	66.2			
59	0.5	6.48	6.36	6.14	5.28	4.48	4	3.23	7.6	10.78	82.39			
60	0.25	8.62	2.44	4.69	0.7	5.36	1.58	3.91	5.91	9.61	68.46			
61	0	2.2	0	0	0	0	0	1.18	3.78	1.63	76.9			
62														
63	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	10.89	6.17	16.99	8.45	6.63	6.94	26.8	5.34	4	17.29			
67	2	4.69	14.01	4.13	6.6	3.88	7.24	19.44	11.17	5.95	18.98			
68	1	4.14	12.6	1.94	2.68	5.65	0.92	2.02	1.84	2.28	18.43			
69	0.5	2.59	2.16	4.06	0.7	1.05	2.79	1.24	2.75	4.56	6.74			
70	0.25	3.05	0.93	2.6	2.66	1.38	2.48	2.71	0.6	4.49	12.74			
71	0	1.64	0.8	1.33	1.05	1.49	0.45	1.72	4.51	1.02	9.21			
72														
73	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	79.23	78.76	78.76	78.76	78.76	78.76	79.01	79.56	79.11	95.09			
77	2	21.41	19.64	19.64	19.64	19.64	19.64	20.59	22.68	20.95	81.44			
78	1	15.54	13.64	13.64	13.64	13.64	13.64	14.66	16.9	15.05	80.05			
79	0.5	8.54	6.48	6.48	6.48	6.48	6.48	7.58	10.02	8	78.4			
80	0.25	10.63	8.62	8.62	8.62	8.62	8.62	9.7	12.07	10.11	78.89			
81	0	4.35	2.2	2.2	2.2	2.2	2.2	3.35	5.9	3.79	77.41			
82														
83	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	122.4	
86	4	-0.47	0.09	-5.48	9.87	6.71	7.5	-6.86	12.06	12.56	-3.99	95% confidence interval	238 - 6	
87	2	-1.77	17.97	-5.26	2.83	-1.5	5.62	28.84	8.41	-1.03	-16.43			
88	1	-1.9	3.17	-4.26	-4.56	-3.25	-6.54	-5.86	-5.4	-2.33	-13.85			
89	0.5	-2.06	-0.13	-0.34	-1.2	-2	-2.48	-4.35	-2.42	2.78	3.99	ANTAGONISM	-158.93	
90	0.25	-2.01	-6.18	-3.93	-7.92	-3.26	-7.04	-5.79	-6.16	-0.5	-10.43	95% confidence interval	-26 - -292	
91	0		-2.2	-2.2	-2.2	-2.2	-2.2	-2.17	-2.12	-2.16	-0.51			
92														
93	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	1.5936	4.72	0	SYNERGY	6.31	
97	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
98	1	0	0	-0.4576	0	0	-4.7368	-1.9008	-1.7936	0	0			
99	0.5	0	0	0	0	0	0	-1.9196	0	0	0	ANTAGONISM	-26.07	
100	0.25	0	-4.3572	0	-2.7064	-0.5552	-2.1792	-0.4784	-4.984	0	0	log volume	#VALUE!	
101	0		-0.632	0	-0.142	0	-1.318	0	0	-0.1608	0			
102														
103	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	2.28	0	SYNERGY	2.28	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	-4.1756	-0.6686	-0.6712	0	0			
109	0.5	0	0	0	0	0	0	-1.1632	0	0	0	ANTAGONISM	-16.84	
110	0.25	0	-3.7899	0	-1.0838	0	-0.6664	0	-4.618	0	0	log volume	#VALUE!	
111	0		-0.144	0	0	0	-1.0435	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00761	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	-3.51228	0	0	0	0			
119	0.5	0	0	0	0	0	0	-0.26816	0	0	0	ANTAGONISM		-11.09
120	0.25	0	-3.11937	0	0	0	0	0	-4.1854	0	0	log volume		#VALUE!
121	0		0	0	0	0	-0.71905	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: RTV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4342	3.0549	3.3236	2.4823	3.1506	2.1712	2.4381	2.3338	3.0612	2.5847	0.6172	1.5985	
6	2	2.1448	2.5802	1.7661	2.1333	2.4268	2.3575	3.2526	2.5435	2.5993	1.9385	0.7863	1.4134	<u>Average VC</u>
7	1	0.9992	2.2999	1.7879	1.2334	0.9186	2.2247	1.06	2.5584	2.759	1.6353	0.6475	2.0966	0.6737
8	0.5	0.9899	1.3967	1.1669	1.3288	0.9743	1.2827	1.06	2.4364	2.5606	2.0705	0.9303	1.976	
9	0.25	0.7027	0.9841	1.8149	1.0746	0.8613	1.2509	1.2109	2.4378	2.7467	1.8475	0.4925	1.58	<u>Average CC</u>
10	0	0.576	1.3081	0.9503	1.6281	0.9403	1.0012	1.2353	2.617	3.6961	1.5779	0.5684	1.4324	1.682816667
11	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	3.0038	2.9541	3.3079	2.1627	2.3293	2.3289	2.4076	2.4023	3.129	1.7834	0.508	2.3796	
16	2	2.1334	1.87	1.9868	1.8619	2.3998	1.5634	3.0737	2.6059	3.055	1.846	2.7379	3.2373	<u>Average VC</u>
17	1	1.8565	1.9063	2.4761	2.8353	1.8281	1.7718	1.0576	2.483	2.7087	1.5348	0.5381	3.2694	1.072166667
18	0.5	0.7722	1.4874	1.355	1.1305	1.0868	1.8339	1.4698	2.4356	2.6088	1.816	1.1512	2.5292	
19	0.25	0.705	1.9016	1.7453	1.0104	1.0022	1.5976	1.3321	2.3265	2.713	1.3569	0.7922	2.2332	<u>Average CC</u>
20	0	0.645	0.9603	1.7624	1.1543	0.8431	0.8111	1.2026	2.5169	2.8153	1.955	0.7056	2.9522	2.766816667
21	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	2.6899	2.9289	3.2974	2.1328	2.8308	2.4077	2.5026	2.7672	3.2327	1.571	0.816	3.696	
26	2	0.9294	1.6947	3.1868	2.0822	1.7247	1.5409	3.2546	2.6636	3.2729	1.4702	0.6906	3.5122	<u>Average VC</u>
27	1	0.8956	1.6561	1.3755	1.1141	1.6627	2.9261	2.9919	2.5901	3.4241	1.8868	0.7557	3.7092	0.842416667
28	0.5	0.8913	1.4414	1.517	0.9106	1.5274	1.8599	1.394	3.2996	3.2713	1.6638	0.9767	3.6982	
29	0.25	0.8367	0.8413	1.4408	1.0016	1.1751	1.4988	1.1617	2.6338	2.7282	1.8309	0.8449	2.7826	<u>Average CC</u>
30	0	0.5568	1.9421	1.0858	0.6433	0.8149	0.7024	0.7845	2.9843	3.2775	2.29	0.9706	3.2618	3.443333333
31	0	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													<u>Average VC</u>
37	1													0
38	0.5													
39	0.25													<u>Average CC</u>
40	0													0
41	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													<u>Average VC</u>
47	1													0
48	0.5													
49	0.25													<u>Average CC</u>
50	0													0
51	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	86.79	100	100	97.73	100	94.25	100	100	100	86.45			
57	2	70.58	89.59	84.12	79.64	95.33	74.23	100	100	100	65.05			
58	1	26.86	80.55	71.25	56.65	33.47	91.7	40.02	100	100	54.25			
59	0.5	6.45	39.73	30.5	23.66	19	48.14	27.65	100	100	71.3			
60	0.25	0	26.55	58.61	14.07	9.06	37.81	27.21	100	100	57.04			
61	0	0	32.85	25.83	30.59	3.95	3.89	20.37	100	100	65.79			
62														
63	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	23.65	82.47	88.3	70.96	98.23	47.41	60.24	51.01	76.46	89.41			
67	2	71.55	86.32	27.64	56.3	71.43	80.22	87.6	61.5	50.8	53.31			
68	1	22.61	70.37	46.07	46.81	10.31	57.1	41.78	64.9	62.79	36.12			
69	0.5	24.53	27.65	16.57	35.73	15.8	10.97	9.27	50.84	54.82	58.45			
70	0.25	13.36	24.76	47.92	22.75	11.8	17.03	22.57	59.74	70.77	52.42			
71	0	8.61	35.68	15.75	55.77	20.43	25.24	30.95	62.82	116.29	20.7			
72														
73	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0					#VALUE!								
76	4	86.79	91.13	90.2	90.83	87.31	87.3	89.48	100	100	95.48			
77	2	70.58	80.24	78.18	79.58	71.74	71.72	76.57	100	100	89.94			
78	1	26.86	50.89	45.75	49.23	29.75	29.71	41.76	100	100	74.98			
79	0.5	6.45	37.18	30.61	35.07	10.15	10.09	25.51	100	100	68			
80	0.25	0	32.85	25.83	30.59	3.95	3.89	20.37	100	100	65.79			
81	0	0	32.85	25.83	30.59	3.95	3.89	20.37	100	100	65.79			
82														
83	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0					#VALUE!								
86	4	0	8.87	9.8	6.9	12.69	6.95	10.52	0	0	-9.03	SYNERGY	382.46	
87	2	0	9.35	5.94	0.06	23.59	2.51	23.43	0	0	-24.89	95% confidence interval	748 - 17	
88	1	0	29.66	25.5	7.42	3.72	61.99	-1.74	0	0	-20.73			
89	0.5	0	2.55	-0.11	-11.41	8.85	38.05	2.14	0	0	3.3	ANTAGONISM	-99.48	
90	0.25	0	-5.3	32.78	-16.52	5.13	33.92	6.84	0	0	-8.75	95% confidence interval	- not significant	
91	0	0	0	0	0	0	0	0	0	0	0			
92														
93	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0													
95	0					#VALUE!								
96	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	17.09	
97	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	0	0			
99	0.5	0	0	0	0	0	16.5488	0	0	0	0	ANTAGONISM	0	
100	0.25	0	0	0	0	0	0.5412	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0													
105	0					#VALUE!								
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	9.86	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	9.8571	0	0	0	0	ANTAGONISM	0	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.1563	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0													
115	0					#VALUE!								
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	1.95	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	1.94773	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)			MacSynergy™ II						Horizontal Drug: RTV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4794	1.2627	1.3266	1.7508	1.4139	1.5572	1.5774	1.5582	0.9079	1.7451	0.1314	1.9179	
6	2	0.5531	0.7584	0.7276	0.7086	0.6897	0.6068	0.652	0.6416	0.8464	1.0589	0.3242	1.6369	Average VC
7	1	0.1243	0.536	0.6069	0.8641	0.4425	0.5494	0.4897	0.5229	0.9349	1.1204	0.3267	1.4749	0.2502
8	0.5	0.3853	0.8361	0.4839	0.7304	0.4769	0.3542	0.4289	0.4401	0.3849	1.6586	0.1171	1.8134	
9	0.25	0.3978	0.6749	0.4604	0.8824	0.4177	0.323	0.3626	0.4991	0.4724	1.5888	0.2857	1.8121	Average CC
10	0	0.3269	0.32	0.3008	0.3167	0.3118	0.309	0.3539	0.3472	0.4785	1.5011	0.3161	1.788	1.740533333
11	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	0.7667	0.8183	1.1655	1.4129	1.329	0.9789	1.3116	1.2835	1.3599	1.8735	0.2902	2.0863	
16	2	0.4928	0.7832	0.6572	0.6072	0.4343	0.7677	0.8467	0.7256	0.6687	1.6721	0.3325	1.9214	Average VC
17	1	0.1327	0.4062	0.4429	0.4826	0.5892	0.4095	0.5144	0.4496	0.4768	1.1183	0.2759	1.9241	0.286266667
18	0.5	0.3562	0.5295	0.5602	0.8417	0.6796	0.5663	0.4394	0.5162	0.4348	1.7659	0.2907	1.8925	
19	0.25	0.3696	0.8131	0.524	0.7029	0.6352	0.3924	0.5213	0.5441	0.4625	1.5463	0.2438	1.7776	Average CC
20	0	0.3165	0.3528	0.3147	0.3016	0.2896	0.2889	0.3648	0.2976	0.3435	1.4701	0.2845	1.7572	1.893183333
21	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.3788	0.8762	1.574	1.1281	1.5907	1.7327	1.6373	1.5885	0.7996	1.8119	0.3275	2.2745	
26	2	0.5371	1.3181	1.0314	0.5618	0.5833	1.0974	0.626	0.6584	1.2581	1.0495	0.3005	2.0309	Average VC
27	1	0.1405	0.4352	0.4502	0.4698	0.5116	0.4622	0.5063	0.4732	0.8877	1.1187	0.39	2.0597	0.3355
28	0.5	0.4389	0.5528	0.6902	0.5138	0.8068	0.4371	0.4104	0.4938	0.8842	1.6426	0.3115	1.4106	
29	0.25	0.3459	0.5184	0.7959	0.472	0.7526	0.3922	0.3993	0.4313	0.4929	1.7162	0.3822	1.732	Average CC
30	0	0.3251	0.3229	0.296	0.3083	0.3328	0.3084	0.2939	0.3094	0.4191	1.5037	0.3013	1.9464	1.909016667
31	0	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	59.56	45.14	68.55	73.72	74.25	73.2	78.53	76.48	46.81	97.64			
57	2	15.33	42.49	33.11	21.7	18.15	31.87	26.77	24.71	40.81	61.96			
58	1	0	11.04	13.66	20.65	14.32	11.93	13.71	12.4	30.96	53.31			
59	0.5	6.66	22.75	18.42	26.04	23.21	10.08	8.76	12.37	17.72	89.88			
60	0.25	5.25	24.3	19.39	25.67	19.82	5.03	8.74	12.94	11.96	85.33			
61	0	2.12	2.67	0.88	1.23	1.39	0.8	3.07	1.85	8.06	77.28			
62														
63	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	26.93	19.76	12.41	25.35	8.15	26.07	13.14	13.14	18.8	3.39			
67	2	4.33	17.36	10.61	8.32	10.35	16.69	8.21	3.67	17.43	21.49			
68	1	2.03	7.19	8.98	17.89	4.02	7.06	2.64	5.15	17.41	4.51			
69	0.5	2.36	14.36	3.63	12.79	7.46	6.83	3.68	2.16	14.86	6.02			
70	0.25	4.62	11.19	8.56	16.87	7.81	1.61	5.39	5.95	2.6	6.08			
71	0	2.91	3.02	3.05	3.1	2.38	2.89	6.05	4.2	6.34	5.77			
72														
73	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	60.42	60.64	59.92	60.06	60.12	59.88	60.8	60.31	62.82	90.81			
77	2	17.13	17.59	16.08	16.37	16.51	16.01	17.93	16.9	22.15	80.76			
78	1	2.12	2.67	0.88	1.23	1.39	0.8	3.07	1.85	8.06	77.28			
79	0.5	8.64	9.15	7.48	7.81	7.96	7.41	9.53	8.39	14.18	78.79			
80	0.25	7.26	7.78	6.08	6.42	6.57	6.01	8.16	7	12.89	78.47			
81	0	4.2	4.73	2.98	3.32	3.48	2.9	5.12	3.93	10.01	77.76			
82														
83	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.86	-15.5	8.63	13.86	14.13	13.32	17.73	16.17	-16.01	6.83	95% confidence	454.27	892 - 16
87	2	-1.8	24.9	17.03	5.33	1.64	15.86	8.84	7.81	18.66	-18.8	Interval		
88	1	-2.12	8.37	12.78	19.42	12.93	11.13	10.64	10.55	22.9	-23.97			
89	0.5	-1.98	13.6	10.94	18.23	15.25	2.67	-0.77	3.98	3.64	11.09	ANTAGONISM	-85.73	
90	0.25	-2.01	16.52	13.31	19.25	13.25	-0.98	0.68	5.94	-0.93	6.86	95% confidence	-15 - -156	
91	0		-2.06	-2.1	-2.09	-2.09	-2.1	-2.05	-2.08	-1.95	-0.48	Interval		
92														
93	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0.1856	SYNERGY	16.25	
97	2	0	0	0	0	0	0	0	0.6168	0	0	log volume	#VALUE!	
98	1	0	0	0	0	5.0508	0	5.4656	0.456	0	-15.1304	ANTAGONISM	-15.13	
99	0.5	0	0	3.8252	0	0.648	0	0	0	0	0	log volume	#VALUE!	
100	0.25	0	0	0	0	0	0	0	0	0	0			
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	8.06	
107	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
108	1	0	0	0	0	2.5986	0	3.8552	0	0	-12.3793	ANTAGONISM	-12.38	
109	0.5	0	0	1.6109	0	0	0	0	0	0	0	log volume	#VALUE!	
110	0.25	0	0	0	0	0	0	0	0	0	0			
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.15625	0.3125	0.625	1.25	2.5	5	10	20	40	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	1.95	
117	2	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	1.95176	0	0	-9.12759			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-9.13
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0	0	0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: -ATV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.6953	1.7237	1.681	1.2344	0.7474	1.3509	1.6122	1.413	1.924	1.9679	0.3854	2.0355	
6	2	0.8176	1.1114	0.9285	0.7119	0.8334	0.7057	0.8317	0.7608	1.2265	1.5963	0.3367	1.8056	<u>Average VC</u>
7	1	0.5337	1.0741	0.5136	1.0549	0.5725	0.4517	0.4584	0.7131	0.6693	1.5391	0.3806	1.6828	0.3557
8	0.5	0.5674	0.5286	0.4581	0.6033	0.5102	0.4041	0.5009	0.5137	1.0097	1.8153	0.3303	2.0056	
9	0.25	0.3708	0.409	0.4682	0.4574	0.3746	0.3482	0.4635	0.4551	0.48	1.3192	0.3645	1.8017	<u>Average CC</u>
10	0	0.4249	0.2704	0.3927	0.2857	0.3055	0.3378	0.3081	0.4085	0.483	1.2921	0.3357	1.4897	1.803483333
11	0	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	1.6161	1.6713	1.8739	1.4876	1.6741	1.7737	1.6774	1.6895	1.841	1.9682	0.2579	1.8981	
16	2	0.7934	1.3188	1.3642	0.5915	0.5951	0.4865	0.7127	0.8642	1.349	1.3914	0.2813	1.7855	<u>Average VC</u>
17	1	0.5378	0.5923	0.6612	0.7617	0.5997	1.4602	1.5045	0.6594	0.9709	1.3257	0.3368	1.6673	0.2898
18	0.5	0.3709	0.4329	0.5512	0.5188	0.4324	0.4632	0.4124	0.5212	0.8629	1.1794	0.2541	2.0503	
19	0.25	0.4355	0.4649	0.4524	0.402	0.4213	0.4421	0.4135	0.4759	0.5512	1.1914	0.2987	1.8418	<u>Average CC</u>
20	0	0.3777	0.2547	0.4023	0.3237	0.3049	0.3034	0.346	0.4114	0.6155	1.3768	0.31	1.7243	1.827883333
21	0	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.6394	1.325	1.8783	1.7698	1.6372	1.2317	1.8701	1.8403	1.8549	1.9066	0.3437	2.0238	
26	2	0.8617	0.7701	1.1946	0.7823	0.8937	0.5955	1.4245	0.8515	1.4065	1.3044	0.2839	1.9559	<u>Average VC</u>
27	1	0.4295	0.4321	0.7724	0.7123	1.0688	0.6979	0.7404	0.6111	0.9582	1.4757	0.2848	2.1283	0.334583333
28	0.5	0.4542	0.4782	0.7853	0.3425	0.7889	0.4628	0.516	0.4725	0.6941	1.4473	0.345	2.1588	
29	0.25	0.3593	0.4599	0.5231	0.4091	0.4505	0.3905	0.4313	0.5091	0.6947	1.326	0.3622	2.1544	<u>Average CC</u>
30	0	0.4455	0.2755	0.4176	0.2876	0.379	0.3073	0.3695	0.3651	0.478	1.5855	0.3879	2.0655	2.081116667
31	0	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													<u>Average VC</u>
36	2													0
37	1													
38	0.5													<u>Average CC</u>
39	0.25													0
40	0													
41	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													<u>Average VC</u>
46	2													0
47	1													
48	0.5													<u>Average CC</u>
49	0.25													0
50	0													
51	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	84.49	80.34	94.31	73.58	63.88	72.19	88.31	83.41	98.74	100			
57	2	31.61	48.01	52.89	23.28	28.29	17.3	40.93	31.64	63.46	70.95			
58	1	11.28	24.96	20.04	33.53	25.72	34.51	36.43	19.35	33.88	71.47			
59	0.5	8.91	9.82	16.62	10.81	15.32	7.32	9.46	11.28	34.34	74.12			
60	0.25	3.98	7.41	9.71	6.2	5.5	4.2	7.01	9.65	15.62	60.64			
61	0	5.62	0	4.87	0	6.04	0	0.79	4.43	12.73	69.01			
62														
63	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	9.04	20.6	7.69	11.37	32.81	22.75	1.75	9.31	10.79	11.73			
67	2	1.31	21.29	16.47	3.22	7.32	6.05	18.79	5.01	4.72	15.09			
68	1	5.42	22.49	7.92	13.56	14.37	36.7	37.71	4.7	11.42	8.95			
69	0.5	5.01	1.91	9.37	9.04	9.29	3.97	1.3	3.59	12.55	23.3			
70	0.25	4.76	3.86	1.69	1.68	3.75	5.28	1.31	2.63	6.27	5.2			
71	0	0.79	1.85	2.38	3.58	3.08	1.33	3.63	3.15	7.33	3.79			
72														
73	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	85.36	84.49	85.25	84.49	84.5	84.49	84.61	85.18	86.46	95.19			
77	2	35.45	31.61	34.94	31.61	31.64	31.61	32.15	34.64	40.32	78.81			
78	1	16.27	11.28	15.6	11.28	11.32	11.28	11.98	15.21	22.57	72.51			
79	0.5	14.03	8.91	13.35	8.91	8.95	8.91	9.63	12.95	20.51	71.77			
80	0.25	9.38	3.98	8.66	3.98	4.02	3.98	4.74	8.23	16.2	70.24			
81	0	10.92	5.62	10.22	5.62	5.66	5.62	6.37	9.8	17.63	70.75			
82														
83	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	254.74	
86	4	-0.87	-4.15	9.06	-10.91	-20.62	-12.3	3.7	-1.77	12.28	4.81	95% confidence interval	495 - 14	
87	2	-3.84	16.4	17.95	-8.33	-3.35	-14.31	8.78	-3	23.14	-7.86			
88	1	-4.99	13.68	4.44	22.25	14.4	23.23	24.45	4.14	11.31	-1.04	ANTAGONISM	-121.47	
89	0.5	-5.12	0.91	3.27	1.9	6.37	-1.69	-0.17	-1.67	13.83	2.35	95% confidence interval	-6 - -237	
90	0.25	-5.4	3.43	1.05	2.22	1.48	0.22	2.27	1.42	-0.58	-9.6			
91	0		-5.62	-5.35	-5.62	-5.62	-5.62	-5.58	-5.37	-4.9	-1.74			
92														
93	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.	-	
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0.27	0	0	0	SYNERGY	14.16	
97	2	-1.2724	0	0	-2.0188	0	-2.452	0	0	13.8888	0	log volume	#VALUE!	
98	1	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-5.74	
99	0.5	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
100	0.25	0	0	0	0	0	0	0	0	0	0			
101	0		-1.994	-0.6852	0	0	-3.0132	0	0	0	0			
102														
103	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	11.01	
107	2	-0.4733	0	0	-0.0546	0	0	0	0	11.0096	0	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-0.53	
109	0.5	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
110	0.25	0	0	0	0	0	0	0	0	0	0			
111	0		-0.8655	0	0	0	-2.2019	0	0	0	0			
112														
113	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	7.61	
117	2	0	0	0	0	0	0	0	0	7.60648	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	<i>f</i>	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	-1.24297	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/ml.)				MacSynergy™ II					Horizontal Drug: ATV (nM)				
3														REPLICATE 1
4														enter data
5	4	1.6406	1.7659	1.8747	1.6309	1.8119	1.6457	1.5282	1.5784	1.8884	1.7761	0.2695	1.9157	
6	2	0.4527	0.3724	0.5451	0.4138	0.5469	0.3486	0.8514	1.0543	1.3955	1.4988	0.2384	1.786	Average VC
7	1	0.3153	0.361	0.3704	0.353	0.424	0.2757	0.4634	0.2813	0.5297	1.301	0.2389	1.9012	0.263283333
8	0.5	0.3064	0.3033	0.3588	0.3204	0.3363	0.2635	0.309	0.3337	0.6351	1.4695	0.249	1.8687	
9	0.25	0.3231	0.4999	0.3654	0.284	0.3008	0.2208	0.3119	0.3533	0.4989	1.0804	0.2719	1.7587	Average CC
10	0	0.3069	0.2418	0.2053	0.3593	0.3131	0.2305	0.3428	0.3171	0.4754	1.6567	0.312	1.8303	1.843433333
11	0	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.4534	1.5704	1.148	1.7555	1.784	1.3181	1.7092	1.5637	1.754	1.9148	0.2838	1.8784	
16	2	0.3752	0.6397	0.5212	0.4602	0.4051	0.4247	0.4597	0.6407	1.1894	1.453	0.1934	1.7411	Average VC
17	1	0.3379	0.3964	0.4726	0.2866	0.4095	0.4	0.3933	0.7354	0.7669	1.3305	0.2325	1.7241	0.233533333
18	0.5	0.3162	0.3793	0.3026	0.2982	0.6538	0.2863	0.3871	0.3424	0.5818	1.3343	0.2014	1.8571	
19	0.25	0.2872	0.5156	0.3058	0.2664	0.2835	0.2929	0.2915	0.3043	0.9542	1.087	0.2119	1.5913	Average CC
20	0	0.3464	0.2692	0.2229	0.2535	0.2819	0.2163	0.2759	0.3676	0.549	1.6442	0.2782	1.6398	1.738633333
21	0	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.5434	1.4418	1.3494	1.6479	1.7201	1.3838	1.5793	1.6127	1.6927	1.7429	0.2557	1.9587	
26	2	0.3716	0.4002	0.4364	0.3928	0.4655	0.3853	0.3857	0.8995	1.1813	1.3712	0.2139	1.9597	Average VC
27	1	0.364	0.2623	0.387	0.2684	0.3396	0.3065	0.2907	0.8879	1.2357	1.3432	0.2774	1.8551	0.235866667
28	0.5	0.343	0.2501	0.3956	0.2242	0.3061	0.4305	0.2951	0.4255	1.2621	1.2127	0.2054	1.9594	
29	0.25	0.3001	0.3003	0.4536	0.226	0.2757	0.2801	0.2906	0.2996	0.4306	1.2986	0.2218	1.5362	Average CC
30	0	0.2556	0.2463	0.2468	0.2266	0.2636	0.2462	0.3111	0.3173	0.376	1.6656	0.241	1.754	1.837183333
31	0	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	83.28	86.41	77.43	91.95	97.9	77.08	87.33	86.86	98.28	100			
57	2	9.86	14.72	16.49	11.46	14.56	9.14	20.53	39.52	64.73	76.7			
58	1	6.08	6.22	10.7	3.75	9.45	5.42	8.9	25.07	38.25	69.24			
59	0.5	4.97	4.37	6.87	2.39	12.31	5.27	5.6	7.84	36.92	70.16			
60	0.25	3.79	12.58	8.29	0.96	2.73	1.34	3.45	4.79	24.98	58.26			
61	0	3.81	0.55	0	2.25	2.7	0	4.18	5.8	14.36	90.4			
62														
63	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	3.38	10.11	21.71	7.98	5.16	9.02	9.48	2.58	6.39	9.72			
67	2	1.82	10.76	3.49	3.12	3.28	3.65	14.72	11.62	6.39	5.22			
68	1	2.47	4.59	4.68	1.83	2.68	5.21	4.85	21.05	22.92	3.61			
69	0.5	2.03	4.68	2.79	2.73	13.62	6.23	4.01	3.73	23.53	8.09			
70	0.25	0.22	7.65	4.67	1.43	0.52	3.54	0.39	0.86	19.88	7.45			
71	0	3.28	1.87	2.22	3.45	0.84	1.38	1.2	2.82	6.19	2.93			
72														
73	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	83.93	83.38	83.29	83.67	83.74	83.29	83.99	84.26	85.69	98.4			
77	2	13.39	10.46	9.96	11.99	12.39	9.96	13.72	15.18	22.89	91.36			
78	1	9.66	6.6	6.08	8.19	8.62	6.08	10.01	11.53	19.57	90.98			
79	0.5	8.59	5.49	4.97	7.11	7.54	4.97	8.94	10.48	18.62	90.88			
80	0.25	7.46	4.32	3.79	5.95	6.39	3.79	7.81	9.37	17.61	90.76			
81	0	7.47	4.34	3.81	5.97	6.41	3.81	7.83	9.39	17.62	90.77			
82														
83	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	213.62	
86	4	-0.64	3.03	-5.86	8.28	14.16	-6.21	3.34	1.6	12.59	1.6	95% confidence interval	392 - 35	
87	2	-3.43	4.26	6.53	-0.53	2.17	-0.82	6.81	24.34	41.84	-14.66			
88	1	-3.58	-0.38	4.62	-4.44	0.83	-0.66	-1.11	13.54	18.68	-21.74			
89	0.5	-3.62	-1.12	1.9	-4.72	4.77	0.3	-3.34	-2.64	18.3	-20.72	ANTAGONISM	-156.43	
90	0.25	-3.67	8.26	4.5	-4.99	-3.66	-2.45	-4.36	-4.58	7.37	-32.5	95% confidence interval	-57 - -256	
91	0		-3.79	-3.81	-3.72	-3.71	-3.81	-3.65	-3.59	-3.26	-0.37			
92														
93	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	4.0464	0	0	0	0.0656	0	SYNERGY	34.99	
97	2	0	0	0	0	0	0	0	1.5648	29.3156	-4.4288	log volume	#VALUE!	
98	1	0	0	0	-0.8532	0	0	0	0	0	-14.5644			
99	0.5	0	0	0	0	0	0	0	0	0	-4.8636	ANTAGONISM	-57.26	
100	0.25	-3.2388	0	0	-2.1872	-2.6408	0	-3.5956	-2.8944	0	-17.898	log volume	#VALUE!	
101	0		-0.1248	0	0	-2.0636	-1.1052	-1.298	0	0	0			
102														
103	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0.8988	0	0	0	0	0	SYNERGY	26.32	
107	2	0	0	0	0	0	0	0	0	25.4177	-1.2446	log volume	#VALUE!	
108	1	0	0	0	0	0	0	0	0	0	-12.4623			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-39.53	
110	0.25	-3.1046	0	0	-1.3149	-2.3236	0	-3.3577	-2.3698	0	-13.3535	log volume	#VALUE!	
111	0		0	0	0	-1.5512	-0.2634	-0.566	0	0	0			
112														
113	[DRUG]	0	0.03125	0.0625	0.125	0.25	0.5	1	2	4	8	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	20.81	
117	2	0	0	0	0	0	0	0	0	20.8105	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	-9.85949			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-27.85
120	0.25	-2.94598	0	0	-0.28387	-1.94868	0	-3.07651	-1.74974	0	-7.98205	<i>log volume</i>		#VALUE!
121	0		0	0	0	-0.94556	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: NFV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.9111	1.8829	1.8814	1.6303	1.7352	1.4867	1.7559	1.7948	1.811	2.0509	0.3487	1.9085	
6	2	0.9673	1.5367	0.7995	0.7555	0.6159	1.0353	1.2177	1.5421	1.7942	1.5475	0.3919	1.7675	Average VC
7	1	0.462	0.5351	1.0066	0.4859	0.5052	0.5971	1.0363	1.4444	1.8004	1.5526	0.3829	1.6451	0.383533333
8	0.5	0.5413	0.8963	0.5177	0.4065	0.5399	0.4798	0.7434	1.178	1.5519	1.5702	0.3894	0.9163	
9	0.25	0.4887	0.4163	0.4036	0.3486	0.4749	0.5069	0.6047	0.9754	1.6118	1.4405	0.3729	1.8834	Average CC
10	0	0.347	0.3676	0.411	0.2738	0.3941	0.4637	0.5112	0.9098	1.4843	1.6623	0.4154	1.853	1.6623
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	2.0618	1.4415	1.0349	1.2182	1.7569	1.6115	1.8269	1.7638	1.8253	1.8909	0.34	1.7444	
16	2	0.7502	0.6068	0.7226	0.8219	0.6764	0.9862	1.369	1.5346	1.7761	1.5146	0.305	1.6914	Average VC
17	1	0.5926	0.6609	0.6437	0.4444	0.5759	0.5069	0.8574	1.4592	1.7867	1.4894	0.3099	1.6923	0.3096
18	0.5	0.4374	0.4143	0.9958	0.4128	0.5635	0.5192	0.8436	1.1888	1.4466	1.4899	0.3116	1.8369	
19	0.25	0.5094	0.4239	0.4849	0.3734	0.4717	0.5513	0.6595	0.9449	1.603	1.4541	0.2916	1.6313	Average CC
20	0	0.3819	0.3073	0.4024	0.2945	0.3517	0.4365	0.5004	0.9633	1.5178	1.594	0.2995	1.6445	1.7068
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4724	1.795	1.7889	1.4538	1.8109	1.684	1.8124	1.8855	1.8613	1.9001	0.3287	1.8061	
26	2	0.6719	0.8717	0.9285	0.7413	1.0891	0.7019	0.841	1.5377	1.9171	1.5347	0.3233	1.92	Average VC
27	1	0.5778	0.47	0.4795	0.4067	0.5612	0.643	0.7654	1.2127	1.3336	1.411	0.2876	2.0327	0.315366667
28	0.5	0.5704	0.4905	0.9846	0.3338	0.7076	0.7466	0.9138	1.8746	2.4296	1.4779	0.2911	2.0534	
29	0.25	0.4573	0.3882	0.6634	0.3952	0.4358	0.5328	0.7003	1.0283	1.5807	1.9066	0.33	1.8754	Average CC
30	0	0.3918	0.3136	0.3953	0.3723	0.4152	0.4289	0.7796	0.783	1.3874	1.9421	0.3315	1.803	1.9151
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	100	96.92	87.05	77.9	100	88.33	100	100	100	100			
57	2	33.16	48.74	33.47	30.79	30.93	41.19	57.97	84.89	100	84.5			
58	1	14.27	15.55	27.63	7.79	14.65	17.1	39.46	73.78	93.39	81.45			
59	0.5	12.48	19.51	33.81	3.44	18.31	16.5	34.69	74.17	100	83.31			
60	0.25	10.47	5.1	11.96	2.27	8.76	13.51	22.13	45.44	89.24	88.01			
61	0	2.37	0	4.6	0	3.36	7.53	17.55	39.06	79.86	97.87			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	29.08	18.52	32.9	17.25	6.53	4.21	8.3	6.11	7.91	15.69			
67	2	11.77	36.51	4.46	5.23	15.63	14.8	22.38	7.49	5.1	7.55			
68	1	7.3	8.38	19.5	1.98	4.81	3.2	11.46	15.32	25.88	11.76			
69	0.5	3.4	17.91	20.52	3.43	6.15	9.8	5.6	20.18	26.9	10.11			
70	0.25	3.34	2.85	10.11	4.34	2.47	3.83	4.22	0.86	8.95	9.93			
71	0	4.53	0.65	2.27	6.13	2.72	1.53	10.1	8.96	11.12	5.22			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	100	100	100	100	100	100	100	100	100	100			
77	2	34.74	33.16	36.23	33.16	35.41	38.19	44.89	59.27	86.54	98.58			
78	1	16.3	14.27	18.21	14.27	17.15	20.73	29.32	47.76	82.73	98.17			
79	0.5	14.55	12.48	16.51	12.48	15.42	19.07	27.84	46.67	82.37	98.14			
80	0.25	12.59	10.47	14.59	10.47	13.48	17.21	26.18	45.44	81.97	98.09			
81	0	4.68	2.37	6.86	2.37	5.65	9.72	19.5	40.5	80.34	97.92			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0						#VALUE!					SYNERGY	214.63	
86	4	0	-3.08	-12.95	-22.1	0	-11.67	0	0	0	0	95% confidence interval	415 - 14	
87	2	-1.58	15.58	-2.76	-2.37	-4.48	3	13.08	25.62	13.46	-14.08			
88	1	-2.03	1.28	9.42	-6.48	-2.5	-3.63	10.14	26.02	10.66	-16.72			
89	0.5	-2.07	7.03	17.3	-9.04	2.89	-2.57	6.75	27.5	17.63	-14.83	ANTAGONISM	-175.81	
90	0.25	-2.12	-5.37	-2.63	-8.2	-4.72	-3.7	-4.05	0	7.27	-10.08	95% confidence interval	-6 - -343	
91	0		-2.37	-2.26	-2.37	-2.29	-2.19	-1.95	-1.44	-0.48	-0.05			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0						#VALUE!							
96	4	0	0	0	0	0	-3.4184	0	0	0	0	SYNERGY	14.4	
97	2	0	0	0	0	0	0	0	10.9396	3.464	0	log volume	#VALUE!	
98	1	0	0	0	-2.5992	0	0	0	0	0	0			
99	0.5	0	0	0	-2.3172	0	0	0	0	0	0	ANTAGONISM	-8.33	
100	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
101	0		-1.096	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0						#VALUE!							
106	4	0	0	0	0	0	-0.8503	0	0	0	0	SYNERGY	6.72	
107	2	0	0	0	0	0	0	0	6.3707	0.353	0	log volume	#VALUE!	
108	1	0	0	0	-1.3914	0	0	0	0	0	0			
109	0.5	0	0	0	-0.2249	0	0	0	0	0	0	ANTAGONISM	-2.47	
110	0.25	0	0	0	0	0	0	0	0	0	0	log volume	#VALUE!	
111	0		-0.6995	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	0.97	
117	2	0	0	0	0	0	0	0	0.97041	0	0	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		-0.23085	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/mL)				MacSynergy™ II				Horizontal Drug: NFV (nM)				
3														REPLICATE 1
4														<i>enter data</i>
5	4	1.4816	1.9258	1.7259	1.861	1.3885	1.7455	1.3183	1.7145	1.7107	1.3831	0.2532	1.9132	
6	2	0.443	2.0372	0.4101	0.5167	0.5385	0.9583	1.6424	1.611	1.6002	1.419	0.2492	1.3048	Average VC
7	1	0.3747	0.46	0.4422	1.1254	0.3629	0.4285	0.4375	1.2424	2.1157	2.7794	0.3257	1.7121	0.265383333
8	0.5	0.2725	0.5235	0.339	0.3968	0.4192	0.2854	0.4134	1.2069	1.7574	1.7744	0.2391	1.9924	
9	0.25	0.3645	0.3093	0.2939	0.2511	0.3758	0.3196	0.4384	1.2793	1.7938	1.5356	0.2782	1.8879	Average CC
10	0	0.2365	0.2359	0.2716	0.2739	0.2918	0.3734	0.3236	0.9712	1.6695	2.0679	0.2469	1.9364	1.791133333
11	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
12														
13														REPLICATE 2
14														<i>enter data</i>
15	4	0.8977	1.3248	1.7924	2.0392	1.63	1.5122	1.6051	1.6181	1.6735	1.4516	0.2029	1.831	
16	2	0.4542	0.7933	0.55	0.6331	0.6833	0.7667	1.1517	2.0356	1.8894	1.3648	0.2513	1.7317	Average VC
17	1	0.3628	0.4796	0.3396	0.6379	0.8355	0.3913	0.5295	1.5672	2.3829	2.1654	0.251	1.6276	0.2244
18	0.5	0.3969	0.3596	0.3061	0.454	0.337	0.346	0.406	1.773	2.397	1.4389	0.2143	1.8936	
19	0.25	0.4396	0.3175	0.2965	0.2912	0.3322	0.4078	0.4253	0.9513	2.0478	1.6076	0.2215	1.7253	Average CC
20	0	0.2589	0.258	0.2671	0.2283	0.2819	0.3137	0.4475	0.8666	1.6507	2.0226	0.2054	1.6874	1.749433333
21	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	vc	CC	
22														
23														REPLICATE 3
24														<i>enter data</i>
25	4	1.4426	1.5473	1.5643	1.2856	1.4923	0.9701	1.623	1.5367	1.7561	1.3652	0.2117	2.0661	
26	2	0.307	0.4978	0.7143	0.51	0.7552	1.813	1.3465	1.4854	1.6339	1.3584	0.2136	1.8605	Average VC
27	1	0.2906	0.4484	0.4876	0.4132	0.6587	0.7865	0.8628	1.714	2.183	2.0111	0.2085	1.8718	0.216283333
28	0.5	0.3034	0.3857	0.3637	0.2963	0.3337	0.3749	0.5307	1.307	2.5375	1.5292	0.2266	2.0943	
29	0.25	0.343	0.2805	0.3343	0.2613	0.3315	0.3029	0.5598	1.0336	2.1088	1.9518	0.2153	1.8319	Average CC
30	0	0.283	0.2584	0.346	0.2224	0.3148	0.2767	0.3776	0.9356	1.5126	2.018	0.222	1.8572	1.9303
31	0	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
32														
33	0													REPLICATE 4
34	0													<i>enter data</i>
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
42														
43	0													REPLICATE 5
44	0													<i>enter data</i>
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	65.14	86.21	92.4	95.32	80.08	75.14	80.54	87.78	93.2	73.59			
57	2	10.67	56.62	19.96	20.14	26.48	57.83	72.33	93.67	93.12	72.34			
58	1	6.86	14.34	11.66	31.66	24.09	18.3	23	79.82	100	100			
59	0.5	5.62	11.89	6.26	9.45	8.11	6.18	13.32	75.63	100	85.05			
60	0.25	9.33	4.24	4.49	2.02	7.01	6.88	14.85	54.15	100	91.74			
61	0	1.42	0.91	3.59	0.39	3.75	5.49	9.29	43.45	87.06	100			
62														
63	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	18.63	19.78	12.42	29.42	10.48	27.71	10.84	9.53	2.91	6.73			
67	2	4.96	52.58	9.86	5.78	7.46	31.05	15.73	22.86	14.11	4.96			
68	1	2.38	2.11	4.14	22.78	16.91	12.96	13.47	13.68	13.97	30.34			
69	0.5	5.44	4.38	2.04	5.24	1.73	4.26	4.49	22.46	24.02	12.1			
70	0.25	4.16	1.67	2.52	2.71	0.26	4.52	4.59	10.66	9.7	9.05			
71	0	2.98	2.46	3.65	0.15	2.01	1.81	5.41	2.44	9.93	7.45			
72														
73	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	ADDITIVE INHIBITION		
74	0													
75	0					#VALUE!								
76	4	65.64	65.46	66.39	65.28	66.45	67.05	68.38	80.29	95.49	100			
77	2	11.94	11.48	13.88	11.02	14.02	15.57	18.97	49.48	88.44	100			
78	1	8.18	7.71	10.2	7.22	10.35	11.97	15.51	47.33	87.95	100			
79	0.5	6.96	6.48	9.01	5.99	9.16	10.8	14.39	46.63	87.79	100			
80	0.25	10.62	10.16	12.59	9.68	12.73	14.31	17.75	48.73	88.27	100			
81	0	2.82	2.32	4.96	1.8	5.12	6.83	10.58	44.25	87.24	100			
82														
83	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT		
84	0													
85	0					#VALUE!						SYNERGY	507.32	
86	4	-0.5	20.75	26.01	30.04	13.63	8.09	12.15	7.49	-2.29	-26.41	95% confidence interval	982 - 32	
87	2	-1.27	45.14	6.08	9.12	12.46	42.26	53.36	44.19	4.68	-27.66			
88	1	-1.32	6.63	1.46	24.44	13.74	6.33	7.49	32.49	12.05	0			
89	0.5	-1.34	5.41	-2.76	3.46	-1.05	-4.62	-1.07	29	12.21	-14.95	ANTAGONISM	-132.51	
90	0.25	-1.29	-5.92	-8.1	-7.66	-5.72	-7.43	-2.9	5.42	11.73	-8.26	95% confidence interval	-45 - -221	
91	0	-1.41	-1.37	-1.41	-1.37	-1.37	-1.34	-1.29	-0.8	-0.18	0			
92														
93	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0					#VALUE!								
96	4	0	0	1.6668	0	0	0	0	0	0	-13.2192	SYNERGY	32.37	
97	2	0	0	0	0	0	0	22.5292	0	0	-17.9384	log volume	#VALUE!	
98	1	0	2.4944	0	0	0	0	0	5.6772	0	0			
99	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-44.52	
100	0.25	0	-2.6468	-3.1608	-2.3484	-5.2104	0	0	0	0	0	log volume	#VALUE!	
101	0	0	0	0	-1.116	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0					#VALUE!								
106	4	0	0	0	0	0	0	0	0	0	-9.1139	SYNERGY	14.14	
107	2	0	0	0	0	0	0	12.9339	0	0	-14.9128	log volume	#VALUE!	
108	1	0	1.2073	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM	-33.03	
110	0.25	0	-1.6281	-1.6236	-0.6953	-5.0518	0	0	0	0	0	log volume	#VALUE!	
111	0	0	0	0	-1.0245	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.00391	0.00781	0.01563	0.03125	0.0625	0.125	0.25	0.5	1	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0					#VALUE!								
116	4	0	0	0	0	0	0	0	0	0	-4.26157	SYNERGY	1.59	
117	2	0	0	0	0	0	0	1.59257	0	0	-11.3366	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		-20.89
120	0.25	0	-0.42403	0	0	-4.86434	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	-0.91635	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug:	Fullerene (ug/ml.)				MacSynergy™ II				Horizontal Drug: DRV (nM)				
3														REPLICATE 1
4														enter data
5	4	1.523	1.5218	0.4884	1.4256	1.1821	1.2127	1.0301	1.6183	1.8333	1.8252	0.3975	2.0058	
6	2	0.3654	0.4246	0.3538	0.4317	0.6529	0.3814	1.0648	0.8349	0.7949	1.4633	0.3304	1.4736	Average VC
7	1	0.3515	0.3328	0.318	0.5454	0.3119	0.315	0.3085	0.417	0.9433	1.2473	0.2928	1.5799	0.296166667
8	0.5	0.2562	0.3485	0.281	0.3095	0.2821	0.2756	0.2892	0.3248	0.5212	1.386	0.2625	1.8521	
9	0.25	0.2589	0.2683	0.2692	0.2759	0.2914	0.3864	0.2822	0.5108	0.5071	1.3681	0.2429	1.8006	Average CC
10	0	0.2485	0.28	0.2545	0.2523	0.2725	0.2405	0.2619	0.3009	0.4468	1.8656	0.2509	1.8429	1.75915
11	0	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.5455	0.6846	1.3331	1.2675	0.7458	1.2428	1.4336	1.4187	1.8226	1.8013	0.2496	1.8201	
16	2	0.4278	0.3929	0.4551	0.5409	0.2927	1.0535	0.7543	0.8029	1.2753	1.2656	0.2119	1.6886	Average VC
17	1	0.5762	0.3172	0.3858	0.2888	0.3469	0.2983	0.4839	0.3273	0.4666	1.3016	0.2459	1.7125	0.238133333
18	0.5	0.3009	0.3479	0.3331	0.2894	0.5958	0.2889	0.3577	0.5498	0.9622	1.2437	0.2419	1.8886	
19	0.25	0.2957	0.2441	0.3111	0.2767	0.3468	0.2676	0.2626	0.2969	0.464	1.3944	0.2575	1.6255	Average CC
20	0	0.2529	0.2103	0.258	0.2297	0.2804	0.2645	0.2428	0.3481	0.585	1.5495	0.222	1.7318	1.744633333
21	0	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.5033	1.0192	1.3185	1.7562	0.7101	1.4988	1.487	0.8952	1.6873	1.7803	0.2293	2.023	
26	2	0.312	0.4159	0.4673	0.4882	0.3893	0.4661	0.4997	0.8032	0.6079	1.4371	0.2415	1.8463	Average VC
27	1	0.2367	0.2724	0.3334	0.3466	0.3096	0.4506	0.3445	0.4883	0.8111	1.1638	0.2011	1.8154	0.220816667
28	0.5	0.2475	0.2931	0.3654	0.2749	0.3293	0.2859	0.293	0.3492	0.6967	1.3537	0.1821	2.1234	
29	0.25	0.2809	0.2667	0.3401	0.351	0.3154	0.2413	0.294	0.3359	0.3582	1.494	0.2318	1.7312	Average CC
30	0	0.2698	0.281	0.2636	0.2418	0.3023	0.3001	0.2928	0.3447	0.5616	1.5996	0.2391	1.7998	1.88985
31	0	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	82.49	53.75	60.53	79.17	41.19	68.64	68.46	69.71	99.37	100			
57	2	7.6	10.25	11.04	15.13	12.7	24.88	34.5	36.4	42.04	73.62			
58	1	9.06	3.61	5.01	9.31	4.54	6.35	8.19	10.07	31.59	64.03			
59	0.5	1.01	6.06	4.64	2.52	9.76	1.95	3.93	10.11	30.65	69.71			
60	0.25	1.62	0.41	3.38	2.99	4.18	3.12	1.68	8.49	12.55	75.43			
61	0	0.22	0.22	0.34	0	2.02	0.9	0.76	5.02	17.91	92.31			
62														
63	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	5.11	27.55	32.56	11.95	16.91	7.16	15.94	26.08	9.96	6.19			
67	2	4.34	1.45	6.15	5.47	10.62	25.71	17.92	1.35	23.84	5.82			
68	1	11.68	1.45	4.2	7.01	3.15	6.57	7.76	6.29	14.9	7.1			
69	0.5	3.49	1.96	5.06	1.39	12.67	2.92	4.22	9.6	16.45	4.18			
70	0.25	3.61	2.33	4.67	4.61	3.98	2.67	2.67	5.56	3.75	1.89			
71	0	3.17	2.96	2.83	2.14	3.32	4.34	3.34	4.06	6.72	13.15			
72														
73	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	ADDITIVE INHIBITION		
74	0													
75	0					#VALUE!								
76	4	82.63	82.53	82.55	82.49	82.84	82.65	82.62	83.37	85.63	98.65			
77	2	7.8	7.8	7.91	7.6	9.47	8.43	8.3	12.24	24.15	92.89			
78	1	9.26	8.26	9.37	9.06	10.9	9.88	9.75	13.63	25.35	93.01			
79	0.5	1.23	1.23	1.35	1.01	3.01	1.9	1.76	5.98	18.74	92.39			
80	0.25	1.84	1.84	1.95	1.62	3.61	2.51	2.37	6.56	19.24	92.43			
81	0	0.44	0.44	0.55	0.22	2.24	1.12	0.98	5.23	18.09	92.33			
82														
83	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT		
84	0													
85	0					#VALUE!						SYNERGY	162.17	
86	4	-0.04	-28.78	-32.02	-3.32	-41.65	-14.01	-14.16	-13.66	13.74	1.35	95% confidence	303 - 22	
87	2	-0.2	2.45	3.13	7.53	3.23	16.45	26.2	24.16	17.89	-19.27	Interval		
88	1	-0.2	-5.65	-3.36	0.25	-6.36	-3.53	-1.56	-3.56	6.24	-28.98	ANTAGONISM	-269.24	
89	0.5	-0.22	3.83	3.29	1.51	6.75	0.05	2.17	4.13	11.91	-22.68	95% confidence	-62 - -476	
90	0.25	-0.22	-1.43	1.43	1.37	0.57	0.61	-0.69	1.93	-6.69	-17	Interval		
91	0	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22	-0.21	-0.18	-0.02			
92														
93	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT (95%)		
94	0											Bonferroni Adj.		
95	0					#VALUE!								
96	4	0	0	0	0	-8.5064	0	0	0	0	0	SYNERGY	21.51	
97	2	0	0	0	0	0	0	0	21.514	0	-7.8628	log volume	#VALUE!	
98	1	0	-2.808	0	0	-0.186	0	0	0	0	-15.054			
99	0.5	0	0	0	0	0	0	0	0	0	-14.4872	ANTAGONISM	-62.21	
100	0.25	0	0	0	0	0	0	0	0	0	-13.2956	log volume	#VALUE!	
101	0	0	0	0	0	0	0	0	0	0	0			
102														
103	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT (99%)		
104	0											Bonferroni Adj.	68%	
105	0					#VALUE!								
106	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	20.69	
107	2	0	0	0	0	0	0	0	20.6905	0	-4.3126	log volume	#VALUE!	
108	1	0	-1.9235	0	0	0	0	0	0	0	-10.733			
109	0.5	0	0	0	0	0	0	0	0	0	-11.9374	ANTAGONISM	-41.05	
110	0.25	0	0	0	0	0	0	0	0	0	-12.1427	log volume	#VALUE!	
111	0	0	0	0	0	0	0	0	0	0	0			
112														
113	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT (99.9%)		
114	0											Bonferroni Adj.	97%	
115	0					#VALUE!								
116	4	0	0	0	0	0	0	0	0	0	0	SYNERGY	19.72	
117	2	0	0	0	0	0	0	0	19.7172	0	-0.11638	log volume	#VALUE!	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	-0.87806	0	0	0	0	0	0	0	-5.6139			
119	0.5	0	0	0	0	0	0	0	0	0	-8.92362	ANTAGONISM		-26.31
120	0.25	0	0	0	0	0	0	0	0	0	-10.78	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	Vertical Drug: Fullerene (ug/mL)				MacSynergy™ II					Horizontal Drug: DRV (nM)				
3														REPLICATE 1
4														enter data
5	4	1.651	1.5982	0.9423	1.4658	1.5616	1.0377	0.9525	1.0096	1.2446	1.7624	0.3747	2.0064	
6	2	0.7185	1.1238	0.8223	0.6147	0.6512	0.7863	0.716	0.525	1.2124	1.5561	0.3884	1.9577	Average VC
7	1	0.5912	1.0335	0.575	0.7766	0.5724	0.4745	0.5267	0.5403	0.8064	1.3223	0.4023	1.9755	0.400633333
8	0.5	0.4854	0.9513	0.5442	0.5473	0.4208	0.4351	0.7784	0.6172	0.6774	1.1989	0.4372	1.8711	
9	0.25	0.4354	0.4674	0.593	0.3224	0.4271	0.4245	0.5421	0.4987	0.5935	1.2096	0.4211	1.8201	Average CC
10	0	0.4931	0.3272	0.3486	0.3331	0.4161	0.3151	0.3651	0.3921	0.3974	0.9285	0.3801	1.8413	1.912066667
11	0	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	vc	CC	
12														
13														REPLICATE 2
14														enter data
15	4	1.8578	1.1673	1.9339	0.9237	1.2254	1.7589	1.8841	1.794	1.7406	1.8696	0.3108	2.0517	
16	2	0.5714	1.3812	1.4604	1.1313	1.0738	0.5099	1.2089	0.8773	1.1866	1.6038	0.3692	1.8705	Average VC
17	1	0.6069	0.6694	0.8913	0.6164	0.5541	0.6048	0.4873	0.5993	0.6429	1.3849	0.3333	1.8883	0.320233333
18	0.5	0.4228	0.754	0.6021	0.391	0.507	0.4636	0.6068	0.5152	0.7867	1.3452	0.3109	2.1897	
19	0.25	0.4341	0.5164	0.3825	0.3225	0.4285	0.4471	0.4224	0.483	0.5344	0.9811	0.2864	1.6392	Average CC
20	0	0.4436	0.3223	0.3749	0.2794	0.3836	0.3431	0.3687	0.3839	0.5599	1.0677	0.3108	1.6801	1.886583333
21	0	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	vc	CC	
22														
23														REPLICATE 3
24														enter data
25	4	1.897	1.4437	1.9384	1.5801	1.8196	1.894	1.9355	1.7579	1.8566	1.765	0.3139	2.1148	
26	2	1.2693	0.8131	0.4997	0.6751	0.5246	1.2141	0.7375	0.6551	0.8083	1.6493	0.3159	2.3916	Average VC
27	1	0.5089	0.5371	0.49	0.4238	1.1951	1.1543	0.9393	0.4643	1.3224	1.0337	0.3305	2.111	0.3272
28	0.5	0.5176	0.5073	1.2941	0.4142	0.74	0.5395	0.5022	0.4809	0.8558	1.4121	0.2749	2.0436	
29	0.25	0.5934	0.3503	0.4039	0.3578	0.4536	0.3863	0.6112	0.6153	0.6111	1.3362	0.4188	2.0094	Average CC
30	0	0.3872	0.3634	0.4064	0.3444	0.4045	0.3242	0.3826	0.3921	0.6104	1.27	0.3092	1.815	2.0809
31	0	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	VC	CC	
32														
33	0													REPLICATE 4
34	0													enter data
35	4													
36	2													Average VC
37	1													0
38	0.5													
39	0.25													Average CC
40	0													0
41	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	VC	CC	
42														
43	0													REPLICATE 5
44	0													enter data
45	4													
46	2													Average VC
47	1													0
48	0.5													
49	0.25													Average CC
50	0													0
51	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	VC	CC	
52														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
53	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	AVERAGE % INHIBITION		
54	0													
55	0													
56	4	90.13	65.66	76.91	60.15	73.23	74.45	76.02	71.99	77.91	90.33			
57	2	30.26	47.76	36.84	28.59	25.31	29.4	33.67	28.83	45.48	76.03			
58	1	13.76	25.38	19.09	14.3	25.26	23.41	17.97	11.62	34.73	56.41			
59	0.5	7.67	24.8	27.54	6.39	12.27	7.85	17.76	11.85	26.08	60.04			
60	0.25	8.25	6.09	7.03	0	5.29	4.35	10.68	11.1	14.21	51.08			
61	0	5.81	0	1.52	0	3.16	0	1.09	2.4	10.41	45.47			
62														
63	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	STANDARD DEVIATION (%)		
64	0													
65	0													
66	4	7.74	12.7	36	18.73	14	28	34.46	28.15	19.19	8.47			
67	2	20.47	20.01	32.42	20.28	19.92	19.52	20.02	13.79	15.65	6.14			
68	1	4.09	16.19	15.08	9.8	21.06	21.62	14.71	5.41	19.32	14.4			
69	0.5	2.8	13.32	24.27	2.87	11.11	5.04	7.52	2.83	6.73	6.51			
70	0.25	6.5	5.79	4.94	3.62	3.07	3.37	4.97	5.01	1.78	7.96			
71	0	2.24	3.57	4.33	2.77	1.86	3.73	3	2.57	9.21	9.62			
72														
73	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	ADDITIVE INHIBITION		
74	0													
75	0						#VALUE!							
76	4	90.7	90.13	90.28	90.13	90.44	90.13	90.24	90.37	91.16	94.62			
77	2	34.31	30.26	31.32	30.26	32.46	30.26	31.02	31.93	37.52	61.97			
78	1	18.77	13.76	15.07	13.76	16.49	13.76	14.7	15.83	22.74	52.97			
79	0.5	13.03	7.67	9.07	7.67	10.59	7.67	8.68	9.89	17.28	49.65			
80	0.25	13.58	8.25	9.64	8.25	11.15	8.25	9.25	10.45	17.8	49.97			
81	0	11.28	5.81	7.24	5.81	8.79	5.81	6.84	8.07	15.62	48.64			
82														
83	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT		
84	0													
85	0						#VALUE!							
86	4	-0.57	-24.47	-13.37	-29.98	-17.21	-15.68	-14.22	-18.38	-13.26	-4.29		SYNERGY	171.88
87	2	-4.05	17.5	5.52	-1.67	-7.15	-0.86	2.65	-11.1	7.96	14.06		95% confidence interval	342 - 2
88	1	-5.01	11.62	4.02	0.54	8.77	9.65	3.27	-4.21	11.99	3.44			
89	0.5	-5.36	17.13	18.47	-1.28	1.68	0.18	9.08	1.96	8.8	10.39		ANTAGONISM	-223.81
90	0.25	-5.33	-2.16	-2.81	-8.25	-5.86	-3.9	1.44	0.65	-3.89	1.11		95% confidence interval	-1 - -446
91	0		-5.81	-5.72	-5.81	-5.63	-5.81	-5.75	-5.67	-5.21	-3.17			
92														
93	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT (95%)		
94	0													
95	0						#VALUE!							
96	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	2.03
97	2	0	0	0	0	0	0	0	0	0	2.0256		log volume	#VALUE!
98	1	0	0	0	0	0	0	0	0	0	0			
99	0.5	0	0	0	0	0	0	0	0	0	0		ANTAGONISM	-1.26
100	0.25	0	0	0	-1.1548	0	0	0	0	-0.1012	0		log volume	#VALUE!
101	0	0	0	0	-0.3608	-1.9844	0	0	-0.6328	0	0			
102														
103	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT (99%)		
104	0													
105	0						#VALUE!							
106	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
107	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
108	1	0	0	0	0	0	0	0	0	0	0			
109	0.5	0	0	0	0	0	0	0	0	0	0		ANTAGONISM	0
110	0.25	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!
111	0	0	0	0	0	-0.8498	0	0	0	0	0			
112														
113	[DRUG]	0	0.01953	0.03906	0.07813	0.15625	0.3125	0.625	1.25	2.5	5	SYNERGY PLOT (99.9%)		
114	0													
115	0						#VALUE!							
116	4	0	0	0	0	0	0	0	0	0	0		SYNERGY	0
117	2	0	0	0	0	0	0	0	0	0	0		log volume	#VALUE!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
118	1	0	0	0	0	0	0	0	0	0	0			
119	0.5	0	0	0	0	0	0	0	0	0	0	ANTAGONISM		0
120	0.25	0	0	0	0	0	0	0	0	0	0	log volume		#VALUE!
121	0		0	0	0	0	0	0	0	0	0			
