

In-Vitro Antiviral Screening Report

Task Order Number:	B10
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Test Site:	SRI
Investigator:	Noah
Test Date (m/dd/yy):	5/24/13
Report Date (Mmm-yy):	May-13

Virus Screened:	Respiratory syncytial virus
Virus Strain:	A
Cell Line:	Hep-2
Vehicle:	DMSO
Drug Conc. Range:	0.8-100 μ M
Control Conc. Range:	0.8-100 μ M
Experiment Number:	13865-01-23

Control Drug Name	Control Assay Order	Control Assay Name	EC ₅₀	EC ₉₀	CC ₅₀	SI ₅₀	SI ₉₀
Ribavirin	Primary	CellTiter-Glo (Cytopathic effect/Toxicity)	6.62	13.84	>100.00	>15	

EC₅₀ - compound concentration that reduces viral replication by 50%

EC₉₀ - compound concentration that reduces viral replication by 90%

CC₅₀ - compound concentration that reduces cell viability by 50%

SI₅₀ - CC₅₀/EC₅₀

SI₉₀ - CC₅₀/EC₉₀

Summary:

Highly active: ARB 13-000376

Screening Results

ARB No.	Date Received m/dd/yy	Trial No	Compound Name/ID	Drug Assay Order	Drug Assay Name	EC ₅₀	EC ₉₀	CC ₅₀	SI ₅₀	SI ₉₀
13-000376	5/9/13	1	Fullerene-(tris-aminocaproic acid) hydrate	Primary	CellTiter-Glo (<i>Cytopathic effect/Toxicity</i>)	1.51	2.89	72.50	48	