

In-Vitro Antiviral Screening Report

Task Order Number:	Bog
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Organization:	CJSC Intelpharm
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Test Site:	SRI
Investigator:	Ptak
Test Date (m/dd/yy):	8/30/13
Report Date (Mmm-yy):	Aug-13

Virus Screened:	Enterovirus-71
Virus Strain:	H
Cell Line:	LLC-MK2
Vehicle:	DMSO
Drug Conc. Range:	0.32-100 µM
Control Conc. Range:	0.003-1 µM
Experiment Number:	ENTV-004

Control Drug Name	Control Assay Order	Control Assay Name	EC50	EC90	CC50	SI50	SI90
Enviroxime	Primary	CellTiter 96 (Cytopathic effect/Toxicity)	0.19	>1.00	>1.00	>5	

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
 Moderately Active: ARB 13-000342

Screening Results

ARB No.	Date Received m/dd/yy	Trial No	Compound Name/ID	Drug Assay Order	Drug Assay Name	EC50	EC90	CC50	SI50	SI90
13-000376	7/19/13	1	Fullerene-(tris-aminocaproic acid) hydrate	Primary	CellTiter 96 (Cytopathic effect/Toxicity)	4.05	>100.00	>100.00	>25	
13-000342	7/19/13	1	Fullerene polyaminocaproic acid	Primary	CellTiter 96 (Cytopathic effect/Toxicity)	8.77	29.88	>100.00	>11	