

In-Vitro Antiviral Screening Report

Task Order Number:	B12
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Test Site:	SRI
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Test Date (m/dd/yy) :	1/24/14
Report Date (Mmm-yy) :	Jan-14

Virus Screened:	Hepatitis C virus
Virus Strain:	CON-1, Genotype 1b
Cell Line:	Huh-Luc/Neo ET
Vehicle:	DMSO
Drug Conc. Range:	0.06-20 µM
Control Conc. Range:	0.006-2 IU/mL
Experiment Number:	HCV-038

Control Drug Name	Control Assay Order	Control Assay Name	EC ₅₀	EC ₉₀	CC ₅₀	SI ₅₀	SI ₉₀
IFNα-2b	Secondary	Quantitative polymerase chain reaction (Replicon/Toxicity)	0.07	1.13	>2.00	>29	

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 No. 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	12/20/13	1	Fullerene-(tris-aminocaproic acid) hydrate	Secondary	Quantitative polymerase chain reaction (Replicon/Toxicity)	0.59	1.99	>20.00	>34	