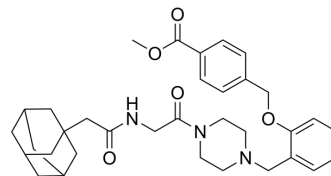


EBOV-IN-1

Cat. No.:	HY-W395779		
CAS No.:	1335113-30-8		
Molecular Formula:	C ₃₄ H ₄₃ N ₃ O ₅		
Molecular Weight:	573.72		
Target:	Filovirus		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

EBOV-IN-1 (com 3.47) is an adamantane dipeptide piperazine and an inhibitor of Ebola virus (EBOV). EBOV-IN-1 targets Niemann-Pick C1 (NPC1) and inhibits its binding to the EBOV glycoprotein (GP) that activates and mediates viral penetration into host cells, thereby inhibiting EBOV infection. EBOV-IN-1 inhibits pseudotyped EBOV infection with an IC₅₀ of 13 nM^[1].

REFERENCES

[1]. Liu H, et al. Identification of Potent Ebola Virus Entry Inhibitors with Suitable Properties for in Vivo Studies. *J Med Chem.* 2018 Jul 26;61(14):6293-6307.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA