Data Sheet (Cat.No.T61793)



HIV-IN-6

Chemical Properties

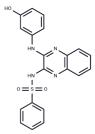
CAS No.: 301357-74-4

Formula: C20H16N4O3S

Molecular Weight: 392.43

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	HIV-IN-6 is an HIV viral inhibitor that inhibits the replication of the HIV virus.HIV-IN-6 has anti-HIV viral activity and works by targeting Src family kinases (SFK) (e.g., Hck) that interact with the viral Nef protein.
Targets(IC50)	HIV Protease

Solubility Information

Solubility	DMSO: 90.0 mg/mL (229.3 mM),Sonication is recommended.
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5482 mL	12.7411 mL	25.4823 mL
5 mM	0.5096 mL	2.5482 mL	5.0965 mL
10 mM	0.2548 mL	1.2741 mL	2.5482 mL
50 mM	0.051 mL	0.2548 mL	0.5096 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Lori ES, et al. Targeting an HIV-1 nef-host cell kinase complex. US8541415 B2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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