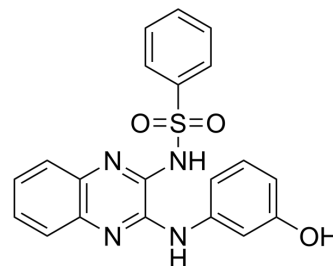


HIV-IN-6

Cat. No.:	HY-147314
CAS No.:	301357-74-4
Molecular Formula:	C ₂₀ H ₁₆ N ₄ O ₃ S
Molecular Weight:	392.43
Target:	HIV; Src
Pathway:	Anti-infection; Protein Tyrosine Kinase/RTK
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (254.82 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			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
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1 mg/mL (2.55 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	HIV-IN-6 is a HIV-1 viral replication inhibitor by targeting Src family kinases (SFK) that interact with Nef protein of the virus, such as Hck ^[1] .
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REFERENCES

[1]. Emert-Sedlak, et al. Targeting an hiv-1 nef-host cell kinase complex.

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

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