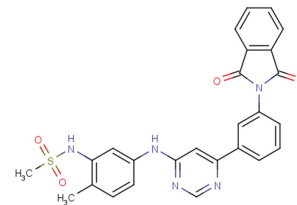


Data Sheet (Cat.No.T10741)

CDK9-IN-1

Chemical Properties

CAS No.:	1415559-43-1
Formula:	C ₂₆ H ₂₁ N ₅ O ₄ S
Molecular Weight:	499.54
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	CDK9-IN-1 is a novel, selective CDK9 inhibitor for the treatment of HIV infection (IC ₅₀ : 39 nM for CDK9/CycT1).
Targets(IC ₅₀)	CDK9/CycT1: 39 nM

Solubility Information

Solubility	DMSO: 25 mg/mL (50.05 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.002 mL	10.009 mL	20.018 mL
5 mM	0.4 mL	2.002 mL	4.004 mL
10 mM	0.2 mL	1.001 mL	2.002 mL
50 mM	0.04 mL	0.2 mL	0.4 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Nemeth G, et al. Novel, selective CDK9 inhibitors for the treatment of HIV infection. Curr Med Chem. 2011;18(3):342-358.

Inhibitors · Natural Compounds · Compound Libraries

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