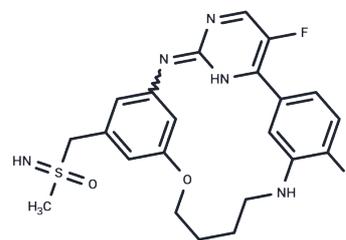


CDK9-IN-9

Chemical Properties

CAS No. :	2246956-84-1
Formula:	C22H23F2N5O2S
Molecular Weight:	459.51
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	CDK9-IN-9 is a potent and selective CDK9 inhibitor (IC50: 1.8 nM) with anti-cancer activity. It inhibits CDK2 (IC50: 155 nM).
Targets(IC50)	CDK
In vitro	CDK9-IN-9 (example 2) inhibits the proliferation of HeLa, HeLa-MaTu-ADR, DU145, NCI-H460, Caco-2, B16F10, A2780 and MOLM-13 cells (IC50s: 4.4 nM, 5.3 nM, 4.5 nM, 9.2 nM, 8.4 nM, 1.2 nM, 1.2 nM, 2.0 nM).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1762 mL	10.8812 mL	21.7623 mL
5 mM	0.4352 mL	2.1762 mL	4.3525 mL
10 mM	0.2176 mL	1.0881 mL	2.1762 mL
50 mM	0.0435 mL	0.2176 mL	0.4352 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

Ulrich LÜCKING, et al. Novel ptefb inhibiting macrocyclic compounds. WO2018177889A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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