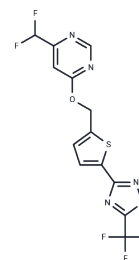


HDAC-IN-87

Chemical Properties

CAS No. :	3039482-69-1
Formula:	C13H7F5N4O2S
Molecular Weight:	378.277
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	HDAC-IN-87 (Compound XII6) is a non-selective HDAC inhibitor with pIC50 values of 6.9 for HDAC4 and 5.8 for HDAC6. It exhibits fungicidal activity against <i>P. sorghi</i> and <i>P. pachyrhizi</i> . The acute oral LD50 in both male and female rats is greater than 500 mg/kg.
Targets(IC50)	HDAC,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6435 mL	13.2177 mL	26.4354 mL
5 mM	0.5287 mL	2.6435 mL	5.2871 mL
10 mM	0.2644 mL	1.3218 mL	2.6435 mL
50 mM	0.0529 mL	0.2644 mL	0.5287 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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