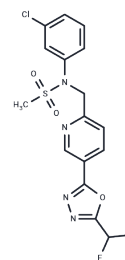


HDAC-IN-58

Chemical Properties

CAS No. :	2071224-39-8
Formula:	C ₁₆ H ₁₃ ClF ₂ N ₄ O ₃ S
Molecular Weight:	414.81
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-58, a selective HDAC6 inhibitor, exhibits potent inhibitory activity with an IC ₅₀ of 2.06 nM, rendering it suitable for research into chronic neurodegenerative and psychiatric disorders [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4107 mL	12.0537 mL	24.1074 mL
5 mM	0.4821 mL	2.4107 mL	4.8215 mL
10 mM	0.2411 mL	1.2054 mL	2.4107 mL
50 mM	0.0482 mL	0.2411 mL	0.4821 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481