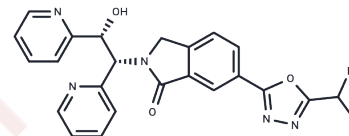


HDAC6-IN-52

Chemical Properties

CAS No. : 2636786-68-8
 Formula: C₂₃H₁₇F₂N₅O₃
 Molecular Weight: 449.41
 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	HDAC6-IN-52 (EX.1) is a potent HDAC6 inhibitor, achieving a 100% inhibition rate at a concentration of 10 μM. It plays a significant role in central nervous system disorders, including neurodegenerative diseases such as Alzheimer's disease and progressive supranuclear palsy.
Targets(IC50)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2251 mL	11.1257 mL	22.2514 mL
5 mM	0.445 mL	2.2251 mL	4.4503 mL
10 mM	0.2225 mL	1.1126 mL	2.2251 mL
50 mM	0.0445 mL	0.2225 mL	0.445 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