

HDAC-IN-85

Chemical Properties

CAS No. :

Formula: C₂₄H₂₇FN₄O₅

Molecular Weight: 470.49

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-85 (Compound 1) is an HDAC inhibitor capable of crossing the blood-brain barrier. It exhibits inhibitory effects on brain tumor cell lines and can induce acetylation, resulting in DNA double-strand breaks and promoting RAD51 ubiquitination, which disrupts the DNA repair process. HDAC-IN-85 is applicable in studies of glioblastoma.
Targets(IC50)	HDAC,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1254 mL	10.6272 mL	21.2544 mL
5 mM	0.4251 mL	2.1254 mL	4.2509 mL
10 mM	0.2125 mL	1.0627 mL	2.1254 mL
50 mM	0.0425 mL	0.2125 mL	0.4251 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481