

HDAC4 CHDI Degradar 11

Chemical Properties

CAS No. :

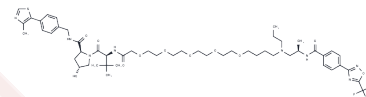
Formula: C52H73F3N8O11S

Molecular Weight: 1075.26

Keep away from direct sunlight

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	HDAC4 CHDI Degradar 11 is a potent, selective degrader of HDAC4 (PROTAC) with DC ₅₀ values of 4 nM and 6 nM in Jurkat E6-1 and Jurkat cells, respectively. This compound integrates the class IIa HDAC inhibitor trifluoromethyloxadiazole with a ligand for the Von Hippel-Lindau (VHL) protein through a linker. Demonstrating significant efficacy, HDAC4 CHDI Degradar 11 achieves a DC ₅₀ value of 1 nM in a mouse cell model of Huntington's disease. For enhanced degradation in neuroblastoma cell lines, it can be administered alongside the P-glycoprotein inhibitor, Elacridar.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.930 mL	4.650 mL	9.3001 mL
5 mM	0.186 mL	0.930 mL	1.860 mL
10 mM	0.093 mL	0.465 mL	0.930 mL
50 mM	0.0186 mL	0.093 mL	0.186 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

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