

HDAC6 degrader-5

Chemical Properties

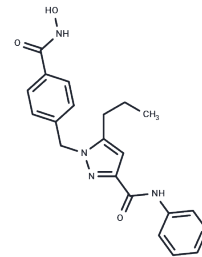
CAS No. :

Formula: C₂₁H₂₂N₄O₃

Molecular Weight: 378.424

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	HDAC6degrader-5 (Compound 6) exhibits inhibitory and degradative activity against HDAC6, with an IC ₅₀ of 4.95 nM and a DC ₅₀ of 0.96 nM. It suppresses the release of TNF- α , IL-1 β , and IL-6, and prevents apoptosis in liver cells. Additionally, HDAC6degrader-5 demonstrates anti-inflammatory properties in a mouse model of APAP-induced liver injury.
Targets(IC ₅₀)	Apoptosis,HDAC,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 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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