

TH-6

Chemical Properties

CAS No. :

Formula: C₂₂H₂₄FN₃O₅

Molecular Weight: 429.44

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	TH-6 is a potent inhibitor of HDAC, acting on HDAC1 (IC ₅₀ : 0.115 μM), HDAC2 (IC ₅₀ : 0.135 μM), HDAC3 (IC ₅₀ : 0.242 μM), HDAC6 (IC ₅₀ : 0.138 μM), HDAC8 (IC ₅₀ : 2.120 μM). TH-6 inhibits cell migration and invasion and exhibits anti-tumour effects.
Targets(IC ₅₀)	Apoptosis,Others,Reactive Oxygen Species,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3286 mL	11.6431 mL	23.2861 mL
5 mM	0.4657 mL	2.3286 mL	4.6572 mL
10 mM	0.2329 mL	1.1643 mL	2.3286 mL
50 mM	0.0466 mL	0.2329 mL	0.4657 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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