

HDAC1/6-IN-2

Chemical Properties

CAS No. :

Formula: C₂₂H₁₇FN₄O₃

Molecular Weight: 404.39

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	HDAC1/6-IN-2 (I-c4), a dual inhibitor of HDAC1 and HDAC6, exhibits potent activity with IC ₅₀ values of 3.1 nM for HDAC1 and 2.95 nM for HDAC6. This compound demonstrates notable antitumor activity.
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4729 mL	12.3643 mL	24.7286 mL
5 mM	0.4946 mL	2.4729 mL	4.9457 mL
10 mM	0.2473 mL	1.2364 mL	2.4729 mL
50 mM	0.0495 mL	0.2473 mL	0.4946 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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