

HDAC2-IN-1

Chemical Properties

CAS No. :

Formula: C₂₂H₂₃ClN₄O₅

Molecular Weight: 426.96

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	HDAC2-IN-1 (Compound 17) is an orally active, competitive HDAC2 inhibitor (IC ₅₀ : 0.5 μM) that crosses the blood-brain barrier and also inhibits HDAC1 (IC ₅₀ : 1.61 μM) and HDAC8 (IC ₅₀ : 0.98 μM).
Targets(IC ₅₀)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3421 mL	11.7107 mL	23.4214 mL
5 mM	0.4684 mL	2.3421 mL	4.6843 mL
10 mM	0.2342 mL	1.1711 mL	2.3421 mL
50 mM	0.0468 mL	0.2342 mL	0.4684 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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