

HDAC/CD13-IN-1

Chemical Properties

CAS No. :

Formula: C27H41Cl2N5O4

Molecular Weight: 570.55

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	HDAC/CD13-IN-1 (Compound 12) is an inhibitor of both HDAC and CD13, with IC50 values of 0.34 μ M for hCD13, 0.53 μ M for porcine CD13, and 0.03, 0.06, and 0.02 μ M for HDAC1, HDAC2, and HDAC3, respectively. This compound effectively suppresses proliferation and induces apoptosis in MV4-11, K562, Jeko-1, and HL60 cancer cells, with IC50 ranges of 0.25-2.04 μ M, and demonstrates capabilities in hindering metastasis and invasion [1].
Targets(IC50)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7527 mL	8.7635 mL	17.5269 mL
5 mM	0.3505 mL	1.7527 mL	3.5054 mL
10 mM	0.1753 mL	0.8763 mL	1.7527 mL
50 mM	0.0351 mL	0.1753 mL	0.3505 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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