

HDAC-IN-34

Chemical Properties

CAS No. :

Formula: C₂₄H₂₆N₆O₃

Molecular Weight: 446.5

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-IN-34 (compound 27) is a potent inhibitor of HDAC, targeting HDAC1 (IC ₅₀ : 0.022 μM) and HDAC6 (IC ₅₀ : 0.45 μM). It can bind to DNA and induce DNA damage, exhibiting a significant anti-proliferative effect on HCT-116 cells (IC ₅₀ : 1.41 μM).
Targets(IC ₅₀)	Apoptosis,Others,HDAC,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2396 mL	11.1982 mL	22.3964 mL
5 mM	0.4479 mL	2.2396 mL	4.4793 mL
10 mM	0.224 mL	1.1198 mL	2.2396 mL
50 mM	0.0448 mL	0.224 mL	0.4479 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481