

HDAC-IN-83

## Chemical Properties

CAS No. :

Formula: C29H40N6O4

Molecular Weight: 536.67

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-83 (compound 9D) is an inhibitor of histone deacetylase (HDAC), demonstrating an IC50 of 0.01 $\mu$ M for HDAC1 and 0.44 $\mu$ M for HDAC6. It exhibits anticancer and antiproliferative activities and promotes caspase-3/7 activation. The compound inhibits Cal27, HepG2, and MRC-5 cells with IC50 values of 0.693 $\mu$ M, 0.427 $\mu$ M, and 3.19 $\mu$ M, respectively.
Targets(IC50)	HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8633 mL	9.3167 mL	18.6334 mL
5 mM	0.3727 mL	1.8633 mL	3.7267 mL
10 mM	0.1863 mL	0.9317 mL	1.8633 mL
50 mM	0.0373 mL	0.1863 mL	0.3727 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