

## HDAC-IN-49

## Chemical Properties

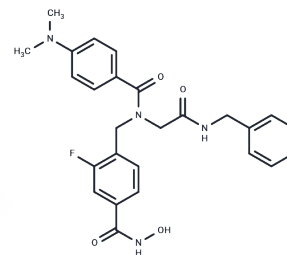
CAS No. :

Formula: C<sub>26</sub>H<sub>27</sub>FN<sub>4</sub>O<sub>4</sub>

Molecular Weight: 478.52

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-49 is a potent, non-selective inhibitor of HDAC (HDAC), demonstrating IC <sub>50</sub> values of 13 nM for HDAC1, 14 nM for HDAC2, 21 nM for HDAC3, 1880 nM for HDAC4, and 10 nM for HDAC6. This compound exhibits significant antileukemic activity while maintaining low cytotoxicity towards healthy cells.
Targets(IC <sub>50</sub> )	Others,HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0898 mL	10.4489 mL	20.8978 mL
5 mM	0.418 mL	2.0898 mL	4.1796 mL
10 mM	0.209 mL	1.0449 mL	2.0898 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

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