

## HDAC-IN-43

## Chemical Properties

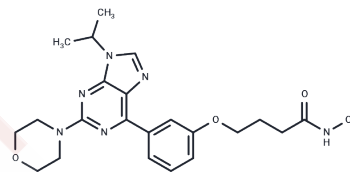
CAS No. : 1809163-24-3

Formula: C<sub>22</sub>H<sub>28</sub>N<sub>6</sub>O<sub>4</sub>

Molecular Weight: 440.5

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-43 is a potent HDAC 1/3/6 inhibitor with IC <sub>50</sub> values of 82 nM for HDAC 1, 45 nM for HDAC 3, and 24 nM for HDAC 6, and a weak PI3K/mTOR inhibitor with IC <sub>50</sub> values of 3.6 μM for PI3K and 3.7 μM for mTOR, exhibiting a broad-spectrum anti-proliferative effect.
Targets(IC <sub>50</sub> )	Others,HDAC,mTOR,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2701 mL	11.3507 mL	22.7015 mL
5 mM	0.454 mL	2.2701 mL	4.5403 mL
10 mM	0.227 mL	1.1351 mL	2.2701 mL
50 mM	0.0454 mL	0.227 mL	0.454 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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