

## HDAC/Top-IN-1

## Chemical Properties

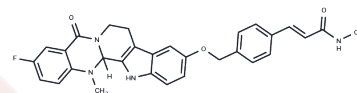
CAS No. : 2411379-14-9

Formula: C<sub>29</sub>H<sub>25</sub>FN<sub>4</sub>O<sub>4</sub>

Molecular Weight: 512.53

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/Top-IN-1 is a broad-spectrum, orally active dual HDAC/Top inhibitor that acts on HDAC1 (IC <sub>50</sub> : 0.036 μM), HDAC2 (IC <sub>50</sub> : 0.14 μM), HDAC3 (IC <sub>50</sub> : 0.059 μM), HDAC6 (IC <sub>50</sub> : 0.089 μM) and HDAC8 (IC <sub>50</sub> : 9.8 μM). HDAC/Top-IN-1 was able to block HEL cells in S-phase and effectively induce apoptosis.
Targets(IC <sub>50</sub> )	Others,HDAC,Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9511 mL	9.7555 mL	19.5111 mL
5 mM	0.3902 mL	1.9511 mL	3.9022 mL
10 mM	0.1951 mL	0.9756 mL	1.9511 mL
50 mM	0.039 mL	0.1951 mL	0.3902 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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