

## HDAC3/6-IN-2

## Chemical Properties

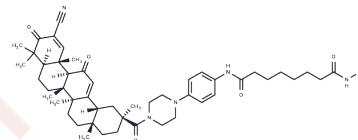
CAS No. : 2417510-17-7

Formula: C49H67N5O6

Molecular Weight: 822.09

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	HDAC3/6-IN-2 (compound 15) is a dual inhibitor targeting HDAC6 and HDAC3, with IC50 values of 0.368 $\mu$ M and 0.635 $\mu$ M, respectively. This compound demonstrates antitumor effects by inducing apoptosis in cancer cells, reducing HDAC6 and HDAC3 levels, and increasing acetylation of H3 and $\alpha$ -tubulin [1].
Targets(IC50)	Apoptosis,Others,HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2164 mL	6.0821 mL	12.1641 mL
5 mM	0.2433 mL	1.2164 mL	2.4328 mL
10 mM	0.1216 mL	0.6082 mL	1.2164 mL
50 mM	0.0243 mL	0.1216 mL	0.2433 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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