

## HDAC-IN-61

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 485.53

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-IN-61 (compound 12k) is a potent, orally active histone deacetylase (HDAC) inhibitor with anticancer activity, exhibiting an IC <sub>50</sub> of 30 nM against Bel-7402 cells and is utilized for cancer research [1].
Targets(IC <sub>50</sub> )	HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0596 mL	10.298 mL	20.596 mL
5 mM	0.4119 mL	2.0596 mL	4.1192 mL
10 mM	0.206 mL	1.0298 mL	2.0596 mL
50 mM	0.0412 mL	0.206 mL	0.4119 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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