

## HDAC3/BRD4-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>31</sub>H<sub>35</sub>N<sub>5</sub>O<sub>4</sub>

Molecular Weight: 541.64

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/BRD4-IN-1 (compound 26n) is an inhibitor of HDAC3/BRD4, exhibiting an IC <sub>50</sub> of 8 nM for HDAC3, while its IC <sub>50</sub> values for HDAC1 and HDAC2 are 220 nM and 120 nM, respectively. It displays anti-tumor and anti-proliferative effects by upregulating Ac-H3 and downregulating c-Myc. The half-life of HDAC3/BRD4-IN-1 in human liver microsomes is 29.36 minutes.
Targets(IC <sub>50</sub> )	Epigenetic Reader Domain,HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8462 mL	9.2312 mL	18.4624 mL
5 mM	0.3692 mL	1.8462 mL	3.6925 mL
10 mM	0.1846 mL	0.9231 mL	1.8462 mL
50 mM	0.0369 mL	0.1846 mL	0.3692 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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