

HDSI-18

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>28</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight:

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	HDSI-18 is an orally active selective inhibitor of HDAC6 with an IC <sub>50</sub> of 1.6 nM. It exhibits cytotoxic effects against K562, MV4-11, MOLM-13, THP-1, and Jurkat cells with IC <sub>50</sub> values of 0.48, 0.58, 0.91, 1.79, and 4.31 μM, respectively. HDSI-18 can activate Caspase-3, induce mitochondrial depolarization, and trigger apoptosis (Apoptosis), demonstrating antitumor activity.
Targets(IC <sub>50</sub> )	Apoptosis,Caspase,HDAC

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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