

HDAC6-IN-49

Chemical Properties

CAS No. :

Formula:

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	HDAC6-IN-49 (Compound 3) is an inhibitor of HDAC, with IC50 values of 0.012 and 0.735 μ M against HDAC6 and HDAC1, respectively. Additionally, it inhibits MAO-B, cholinesterase (ChE), histamine receptor (H3R), and serotonin 6 receptor (5-HT6R). HDAC6-IN-49 exhibits neuroprotective effects in SH-SY5Y cells and enhances cognitive functions and motor abilities in fruit fly models of Parkinson's disease and C. elegans models of Alzheimer's disease.
Targets(IC50)	5-HT Receptor,HDAC,Histamine Receptor,Cholinesterase (ChE),Monoamine Oxidase

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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