

HDAC-MB

Chemical Properties

CAS No. :

Formula: C32H38N4O5S

Molecular Weight:

Keep away from direct sunlight

Storage:

Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	HDAC-MB is a probe that can be activated by HDAC6, allowing for the detection and eradication of glioma cells through HDAC6 activation. It possesses anti-metastatic and anti-proliferative properties, inhibiting glioma invasion and inducing apoptosis (apoptosis).
Targets(IC50)	Monoamine Oxidase
In vitro	HDAC-MB (10 μ M) can be activated by HDAC6 to produce near-infrared fluorescence for imaging HDAC6. At concentrations of 0-5 μ M, HDAC-MB exhibits HDAC6-activatable phototoxicity in HeLab and U251 cells. At 5 μ M, it inhibits glioma cell migration, invasion, and proliferation, and induces apoptosis in glioma cells through the synergistic action of MAO A inhibition and PDT.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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