

CS4

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	CS4 is a selective HDAC inhibitor, with IC50 values for HDAC1, HDAC6, HDAC8, HDAC4, and HDAC11 reported as 38 nM, 12 nM, 5.8 μ M, 19 μ M, and 61 μ M, respectively. It enhances the acetylation of α -tubulin and histone 3 (histone 3). Additionally, CS4 activates PPAR γ and blocks glycolysis (glycolysis). It induces cell cycle arrest at the G2 phase and triggers apoptosis (apoptosis), exhibiting anticancer effects both in vitro and in vivo.
Targets(IC50)	Apoptosis,HDAC,PPAR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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