

Tapcin

Chemical Properties

CAS No. :

Formula: C₆₄H₇₃N₁₁O₁₃S₃

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	Tapcin is a dual inhibitor of topoisomerase I and II, with IC ₅₀ values of 203 nM and 71 nM, respectively. It effectively inhibits the proliferation of cancer cells such as A-375, HeLa, Huh7.5, U2-OS, A549, Caco-2, and HT29, with IC ₅₀ values of 441, 1.04, 40.5, 0.002, 0.006, 0.287, and 0.842 nM, respectively. Additionally, Tapcin demonstrates antitumor activity in HT29 xenograft models.
Targets(IC ₅₀)	Topoisomerase

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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