

Antitumor agent-198

Chemical Properties

CAS No. :

Formula: C₃₂H₂₈O₁₂S

Molecular Weight: 636.62

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	Antitumor agent-198 (Compound A3) exhibits cytotoxicity in head and neck squamous cell carcinoma (HNSCC) cells, effectively inhibiting the proliferation of CAL27, HN6, HN30, SCC9, and SCC25, with an IC ₅₀ ranging from 4 nM to 77 nM. Additionally, Antitumor agent-198 suppresses HNSCC cell migration, arrests the cell cycle, and induces apoptosis.
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5708 mL	7.854 mL	15.708 mL
5 mM	0.3142 mL	1.5708 mL	3.1416 mL
10 mM	0.1571 mL	0.7854 mL	1.5708 mL
50 mM	0.0314 mL	0.1571 mL	0.3142 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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