

Antitumor agent-51

Chemical Properties

CAS No. :

Formula: C₂₃H₂₅N₅O₂S

Molecular Weight: 435.54

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-51 is effective and selective in inhibiting the growth and migration of osteosarcoma cells, acting on MNNG/HOS cells (IC ₅₀ : 21.9 nM). antitumor agent-51 is less toxic and extremely bioavailable.
Targets(IC ₅₀)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.296 mL	11.480 mL	22.960 mL
5 mM	0.4592 mL	2.296 mL	4.592 mL
10 mM	0.2296 mL	1.148 mL	2.296 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 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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