

Antitumor agent-102

Chemical Properties

CAS No. :

Formula: C70H82N8O18S

Molecular Weight: 1355.51

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-102 (Compound 10), a conjugate integrating a Topoisomerase I inhibitor SN38 with a glucose transporter inhibitor, specifically targets colorectal cancer. This agent facilitates elevated levels of free SN38 in tumor tissues compared to Irinotecan [1].
Targets(IC50)	Topoisomerase,transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7377 mL	3.6886 mL	7.3773 mL
5 mM	0.1475 mL	0.7377 mL	1.4755 mL
10 mM	0.0738 mL	0.3689 mL	0.7377 mL
50 mM	0.0148 mL	0.0738 mL	0.1475 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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