

Antitumor agent-63

Chemical Properties

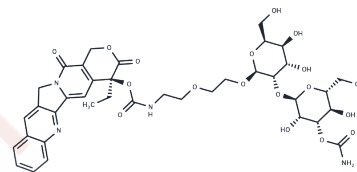
CAS No. : 1627600-90-1

Formula: C₃₈H₄₆N₄O₁₈

Molecular Weight: 846.79

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-63 (Compound 40), a 20 (S)-O-linked camptothecin (CPT) glycoconjugate, serves as a non-toxic antitumor agent showing high stability and very weak direct inhibition of topoisomerase I (Topo I) [1], demonstrating selective action without harming normal cells.
Targets(IC50)	Others,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1809 mL	5.9047 mL	11.8093 mL
5 mM	0.2362 mL	1.1809 mL	2.3619 mL
10 mM	0.1181 mL	0.5905 mL	1.1809 mL
50 mM	0.0236 mL	0.1181 mL	0.2362 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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