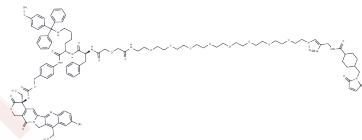


CL2-MMT-SN38

Chemical Properties

CAS No. : 1084888-82-3
 Formula: C102H122N12O24
 Molecular Weight: 1900.158
 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	CL2-MMT-SN38 is a derivative of SN-38, which is a potent anticancer agent and the active metabolite of Irinotecan (CPT-11), a Topoisomerase I inhibitor.
Targets(IC50)	Others,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5263 mL	2.6314 mL	5.2627 mL
5 mM	0.1053 mL	0.5263 mL	1.0525 mL
10 mM	0.0526 mL	0.2631 mL	0.5263 mL
50 mM	0.0105 mL	0.0526 mL	0.1053 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.

Reference

Moon SJ, et al. Antibody conjugates of 7-ethyl-10-hydroxycamptothecin (SN-38) for targeted cancer chemotherapy. J Med Chem. 2008;51(21):6916-6926.

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