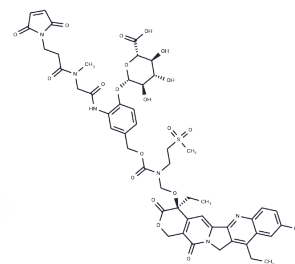


MAC glucuronide α -hydroxy lactone-linked SN-38

Chemical Properties

CAS No. :	2246380-70-9
Formula:	C ₅₀ H ₅₄ N ₆ O ₂₀ S
Molecular Weight:	1091.06
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MAC glucuronide α -hydroxy lactone-linked SN-38 (Topoisomerase I inhibitor) is a cytotoxic drug linker that maintains a stabilized lactone form, demonstrating efficacy against L540cy and Ramos cells with IC ₅₀ values of 99 and 105 ng/mL, respectively[1].
Targets(IC ₅₀)	Drug-Linker Conjugates for ADC,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9165 mL	4.5827 mL	9.1654 mL
5 mM	0.1833 mL	0.9165 mL	1.8331 mL
10 mM	0.0917 mL	0.4583 mL	0.9165 mL
50 mM	0.0183 mL	0.0917 mL	0.1833 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

Lau UY, et al. Lactone Stabilization is Not a Necessary Feature for Antibody Conjugates of Camptothecins. Mol Pharm. 2018 Sep 4;15(9):4063-4072.

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