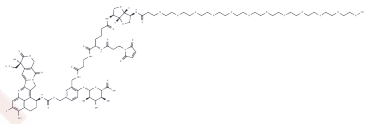
Data Sheet (Cat.No.T206846)

TargetMol

Mal((3S,3aR,6S,6aR)-Hexahydrofuro[3,2-b]furan-3,6-diamine-PEG12)-β-Glu-PAB-Exatecan

Chemical Properties



CAS No. : 3059991-66-8

Formula: C87H118FN9O34

Molecular Weight: 1852.91

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	Mal((3S,3aR,6S,6aR)-Hexahydrofuro[3,2-b]furan-3,6-diamine-PEG12)-β-Glu-PAB-Exatecan (LP1) is a drug-linker conjugate used for ADCs (antibody-drug conjugates). It comprises a potent DNA topoisomerase I inhibitor, Exatecan, and the linker Mal((3S,3aR,6S,6aR)-Hexahydrofuro[3,2-b]furan-3,6-diamine-PEG12)-β-Glu-PAB, for the synthesis of the ADC AZD0516.
Targets(IC50)	Drug-Linker Conjugates for ADC,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5397 mL	2.6985 mL	5.3969 mL
5 mM	0.1079 mL	0.5397 mL	1.0794 mL
10 mM	0.054 mL	0.2698 mL	0.5397 mL
50 mM	0.0108 mL	0.054 mL	0.1079 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.

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