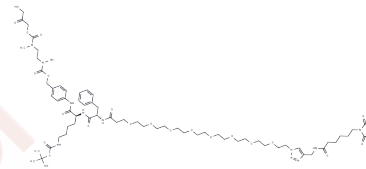


CL2 Linker

Chemical Properties

CAS No. :	2270986-66-6
Formula:	C ₆₈ H ₁₀₃ N ₁₁ O ₂₂
Molecular Weight:	1426.61
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	CL2 Linker is a cleavable ADC linker. CL2-SN-38 and CL2A-SN-38 are equivalent in drug substitution (~6), cell binding (K _d ~1.2 nM), cytotoxicity (IC ₅₀ ~2.2 nM), and serum stability in vitro (t _{1/2} ~20 hours)[1][2].
Targets(IC ₅₀)	ADC Linker, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.701 mL	3.5048 mL	7.0096 mL
5 mM	0.1402 mL	0.701 mL	1.4019 mL
10 mM	0.0701 mL	0.3505 mL	0.701 mL
50 mM	0.014 mL	0.0701 mL	0.1402 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 Nov 13;51(21):6916-26.

Cardillo TM, et al. Humanized anti-Trop-2 IgG-SN-38 conjugate for effective treatment of diverse epithelial cancers: preclinical studies in human cancer xenograft models and monkeys. Clin Cancer Res. 2011 May 15;17(10):3157-69.

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