

CL2A-SN-38 DCA 1279680-68-0(free base)

Chemical Properties

CAS No. :

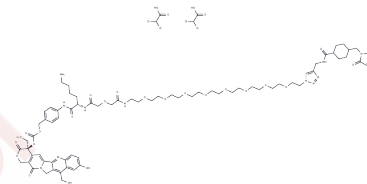
Formula: C77H101Cl4N11O26

Molecular Weight: 1738.49

Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	CL2A-SN-38 is a drug-linker conjugate composed of a potent a DNA Topoisomerase I inhibitor SN-38 and a linker CL2A to make antibody drug conjugate (ADC).. CL2A-SN-38 is composed of a potent a DNA Topoisomerase I inhibitor SN-38 and a linker CL2A to make antibody drug conjugate (ADC). CL2A-SN-38 provides significant and specific antitumor effects against a range of human solid tumor types. CL2A is a noncleavable complicated PEG8- and triazole-containing PABC-peptide-mc linker. CL2A is cleavable through pH sensitivity, giving rise to bystander effect, and binds the antibody at a cysteine residue via a disulfide bond. .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5752 mL	2.8761 mL	5.7521 mL
5 mM	0.115 mL	0.5752 mL	1.1504 mL
10 mM	0.0575 mL	0.2876 mL	0.5752 mL
50 mM	0.0115 mL	0.0575 mL	0.115 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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