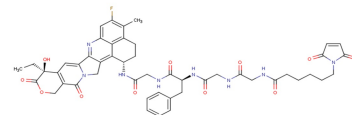


MC-GGFG-DX8951

Chemical Properties

CAS No.: 1600418-29-8
Formula: C₄₉H₅₁FN₈O₁₁
Molecular Weight: 946.97
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	MC-GGFG-DX8951 is a drug-linker conjugate for ADC with antitumor activity by using DX8951 (a DNA topoisomerase I inhibitor), linked via the protease cleavable MC-GGFG linker[1].
Targets(IC ₅₀)	Camptothecins: None

Solubility Information

Solubility	DMSO: 100 mg/mL (105.60 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.056 mL	5.28 mL	10.56 mL
5 mM	0.211 mL	1.056 mL	2.112 mL
10 mM	0.106 mL	0.528 mL	1.056 mL
50 mM	0.021 mL	0.106 mL	0.211 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Nakada T, et al. Novel antibody drug conjugates containing exatecan derivative-based cytotoxic payloads. Bioorg Med Chem Lett. 2016 Mar 15;26(6):1542-1545.

Inhibitors · Natural Compounds · Compound Libraries

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