

MC-VA-PAB-Exatecan

Chemical Properties

CAS No. :	2680543-57-9
Formula:	C50H54FN7O11
Molecular Weight:	948.00
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	MC-VA-PAB-Exatecan is a part of the antibody-conjugated active molecule ADC. MC-VA-PAB-Exatecan is formed by coupling the cleavable ADC linker MC-VA-PAB with the payload Exatecan and is therefore used in antibody-drug conjugate development research systems. MC-VA-PAB-Exatecan is applied in ADC design studies to evaluate linker stability, payload release kinetics, and targeted cytotoxic delivery mechanisms in cancer cell models.
Targets(IC50)	ADC Linker

Solubility Information

Solubility	DMSO: 80 mg/mL, Sonication is recommended. DMF: 80 mg/mL, 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	1.0549 mL	5.2743 mL	10.5485 mL
5 mM	0.211 mL	1.0549 mL	2.1097 mL
10 mM	0.1055 mL	0.5274 mL	1.0549 mL
50 mM	0.0211 mL	0.1055 mL	0.211 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

KRAIEM, et al. Treatment of cancer. WO2021151984A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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