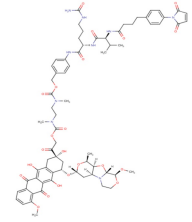


Data Sheet (Cat.No.T18302)

Mal-Phe-C4-VC-PAB-DMEA-PNU-159682

Chemical Properties

CAS No.:	2259318-54-0
Formula:	C70H83N9O22
Molecular Weight:	1402.46
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Mal-Phe-C4-VC-PAB-DMEA-PNU-159682, a drug-linker conjugate for ADC, consists the ADC linker Mal-Phe-C4-VC-PAB and a potent ADC cytotoxin DMEA-PNU-159682. DMEA-PNU-159682 includes metabolites of nemorubicin (MMDX) from liver microsomes and ADC cytotoxin PNU-159682[1].
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.713 mL	3.565 mL	7.13 mL
5 mM	0.143 mL	0.713 mL	1.426 mL
10 mM	0.071 mL	0.357 mL	0.713 mL
50 mM	0.014 mL	0.071 mL	0.143 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

- John Flygare, et al. Anthracycline disulfide intermediates, antibody-drug conjugates and methods. WO2016040825A1

Inhibitors · Natural Compounds · Compound Libraries

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