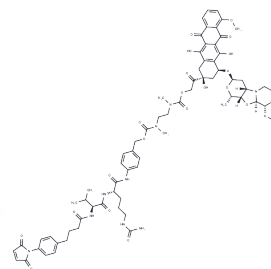


Mal-Phe-C4-VC-PAB-DMEA-PNU-159682

Chemical Properties

CAS No. :	2259318-54-0
Formula:	C70H83N9O22
Molecular Weight:	1402.46
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	Mal-Phe-C4-VC-PAB-DMEA-PNU-159682 is a drug-linker conjugate utilized in antibody-drug conjugate (ADC) therapy. It comprises the ADC linker Mal-Phe-C4-VC-PAB and the potent ADC cytotoxin DMEA-PNU-159682, which encompasses metabolites of nemorubicin (MMDX) derived from liver microsomes, as well as the ADC cytotoxin PNU-159682 [1].
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.713 mL	3.5652 mL	7.1303 mL
5 mM	0.1426 mL	0.713 mL	1.4261 mL
10 mM	0.0713 mL	0.3565 mL	0.713 mL
50 mM	0.0143 mL	0.0713 mL	0.1426 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

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

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