

Mal-PEG4-VC-PAB-DMEA-PNU-159682

## Chemical Properties

CAS No. : 2259318-52-8

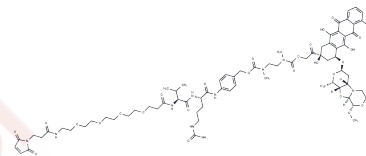
Formula: C74H98N10O27

Molecular Weight: 1559.62

Keep away from direct sunlight

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	Mal-PEG4-VC-PAB-DMEA-PNU-159682 is a drug-linker conjugate designed for antibody-drug conjugate (ADC) therapy. It combines the ADC linker, Mal-PEG4-VC-PAB, with the potent ADC cytotoxin, DMEA-PNU-159682. The cytotoxin, DMEA-PNU-159682, is derived from metabolites of nemorubicin (MMDX) found in 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	0.6412 mL	3.2059 mL	6.4118 mL
5 mM	0.1282 mL	0.6412 mL	1.2824 mL
10 mM	0.0641 mL	0.3206 mL	0.6412 mL
50 mM	0.0128 mL	0.0641 mL	0.1282 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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