

N3-PEG3-vc-PAB-MMAE

Chemical Properties

CAS No. :

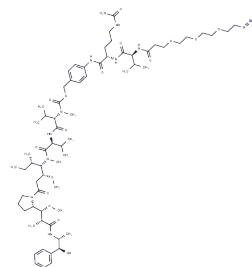
Formula: C67H109N13O16

Molecular Weight: 1352.66

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years

Actual storage temperature shall be subject to the COA.



Biological Description

Description	N3-PEG3-vc-PAB-MMAE, a drug-linker conjugate designed for Antibody-Drug Conjugates (ADC), features the integration of monomethyl auristatin E (MMAE), a tubulin inhibitor, via a 3-unit polyethylene glycol (PEG) linker. This compound demonstrates significant antitumor activity.
Targets(IC50)	Drug-Linker Conjugates for ADC,PROTAC Linker
In vitro	Monomethyl auristatin E (MMAE; SGD-1010), a synthetic derivative of Dolastatin 10, acts as a potent mitotic inhibitor by blocking tubulin polymerization. It is widely used as the cytotoxic component in antibody-drug conjugates (ADCs) for treating various cancers.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7393 mL	3.6964 mL	7.3928 mL
5 mM	0.1479 mL	0.7393 mL	1.4786 mL
10 mM	0.0739 mL	0.3696 mL	0.7393 mL
50 mM	0.0148 mL	0.0739 mL	0.1479 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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