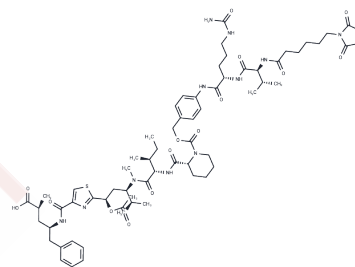


MC-VC-PAB-Tubulysin M

Chemical Properties

CAS No. :	1639939-56-2
Formula:	C66H93N11O15S
Molecular Weight:	1312.59
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-vc-PAB-Tubulysin M is a conjugate comprising a cleavable ADC linker (MC-vc-PAB) and the cytotoxic tubulin inhibitor Tubulysin M, which inhibits tubulin polymerization, leading to cell cycle arrest and apoptosis.
Targets(IC50)	Microtubule Associated, Drug-Linker Conjugates for ADC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7619 mL	3.8093 mL	7.6185 mL
5 mM	0.1524 mL	0.7619 mL	1.5237 mL
10 mM	0.0762 mL	0.3809 mL	0.7619 mL
50 mM	0.0152 mL	0.0762 mL	0.1524 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

Wang Y, et al. Structural Insights into the Pharmacophore of Vinca Domain Inhibitors of Microtubules. Mol Pharmacol. 2016 Feb;89(2):233-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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