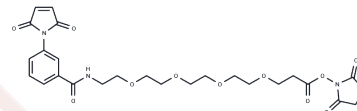


Mal-Ph-CONH-PEG4-NHS ester

Chemical Properties

CAS No. :	1263044-88-7
Formula:	C ₂₆ H ₃₁ N ₃ O ₁₁
Molecular Weight:	561.544
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-Ph-CONH-PEG4-NHS ester, a non-cleavable four-unit polyethylene glycol (PEG) ADC linker, plays a crucial role in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7808 mL	8.9041 mL	17.8082 mL
5 mM	0.3562 mL	1.7808 mL	3.5616 mL
10 mM	0.1781 mL	0.8904 mL	1.7808 mL
50 mM	0.0356 mL	0.1781 mL	0.3562 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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