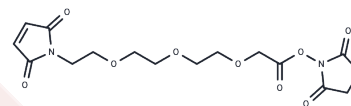


Mal-PEG3-C1-NHS ester

Chemical Properties

CAS No. :	2230016-26-7
Formula:	C16H20N2O9
Molecular Weight:	384.341
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-PEG3-C1-NHS ester is a non-cleavable linker with a three-unit PEG moiety, used specifically in synthesizing antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6019 mL	13.0093 mL	26.0186 mL
5 mM	0.5204 mL	2.6019 mL	5.2037 mL
10 mM	0.2602 mL	1.3009 mL	2.6019 mL
50 mM	0.052 mL	0.2602 mL	0.5204 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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