

Mal-PEG2-acid

Chemical Properties

CAS No. : 1374666-32-6

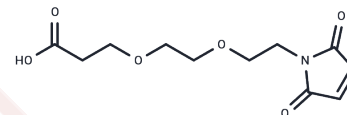
Formula: C₁₁H₁₅N₂O₆

Molecular Weight: 257.24

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-PEG2-acid is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). It can be conjugated to Tubulysin and its derivative cytotoxic molecule [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8874 mL	19.4371 mL	38.8742 mL
5 mM	0.7775 mL	3.8874 mL	7.7748 mL
10 mM	0.3887 mL	1.9437 mL	3.8874 mL
50 mM	0.0777 mL	0.3887 mL	0.7775 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

Zhao, Yongxin, et al. Cytotoxin molecule, conjugate and preparation method and application thereof. Faming Zhuanli Shenqing (2019), CN 109912683 A 20190621.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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