

Mal-amido-PEG2-NHS ester

Chemical Properties

CAS No. :	955094-26-5
Formula:	C18H23N3O9
Molecular Weight:	425.39
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Mal-amido-PEG2-NHS ester is a noncleavable linker for antibody-drug conjugates (ADCs) that includes a maleimide group and an NHS ester, facilitating the labeling of protein primary amines (-NH ₂), amine-modified oligonucleotides, and other amine-containing molecules[1][2].
Targets(IC50)	ADC Linker,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3508 mL	11.7539 mL	23.5078 mL
5 mM	0.4702 mL	2.3508 mL	4.7016 mL
10 mM	0.2351 mL	1.1754 mL	2.3508 mL
50 mM	0.047 mL	0.2351 mL	0.4702 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

Hansen AM, et al. Microwave-assisted solid-phase synthesis of antisense acpP peptide nucleic acid-peptide conjugates active against colistin- and tigecycline-resistant E. coli and K. pneumoniae. Eur J Med Chem. 2019 Apr 15;168:134-145.

Zhang ge, et al. Preparation and application of FAPalpha activated polypeptide magnetic nanosphere compound used for diagnosis of tumors. CN105524141A

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