

Mal-amido-PEG1-C2-NHS ester

Chemical Properties

CAS No. : 1260092-50-9

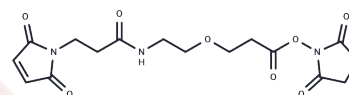
Formula: C16H19N3O8

Molecular Weight: 381.34

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-amido-PEG1-C2-NHS ester is a noncleavable antibody-drug conjugate (ADC) linker that incorporates a maleimide functional group and an N-hydroxysuccinimide (NHS) ester. The NHS ester offers a means to specifically modify primary amines (-NH ₂) present in proteins, amine-modified oligonucleotides, and other amine-containing molecules[1][2].
Targets(IC50)	ADC Linker, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6223 mL	13.1117 mL	26.2233 mL
5 mM	0.5245 mL	2.6223 mL	5.2447 mL
10 mM	0.2622 mL	1.3112 mL	2.6223 mL
50 mM	0.0524 mL	0.2622 mL	0.5245 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481