

MAL-PEG4-MMAF

Chemical Properties

CAS No. :

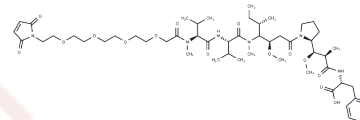
Formula: C53H84N6O15

Molecular Weight: 1045.28

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-PEG4-MMAF is a maleimido functionalized derivative of MMAF (Monomethyl auristatin F) with PEG4 linker. The maleimido functional group can be easily conjugated to protein carriers (such as antibody or enzyme). MAL-PEG4-MMAF is a useful precursor for making antibody-drug conjugates (ADCs).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9567 mL	4.7834 mL	9.5668 mL
5 mM	0.1913 mL	0.9567 mL	1.9134 mL
10 mM	0.0957 mL	0.4783 mL	0.9567 mL
50 mM	0.0191 mL	0.0957 mL	0.1913 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

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- Currier NV, Ackerman SE, Kintzing JR, Chen R, Filsinger Interrante M, Steiner A, Sato AK, Cochran JR. Targeted Drug Delivery with an Integrin-Binding Knottin-Fc-MMAF Conjugate Produced by Cell-Free Protein Synthesis. *Mol Cancer Ther*. 2016 Jun;15(6):1291-300. doi: 10.1158/1535-7163.MCT-15-0881. Epub 2016 Mar 29. PubMed PMID: 27197305.
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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481