

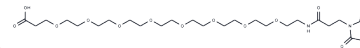
Mal-amido-PEG8-C2-acid

Chemical Properties

CAS No. : 1334177-86-4

Formula: C₂₆H₄₄N₂O₁₃

Molecular Weight: 592.63



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-PEG8-C2-acid (US2018339985, example 142) is a noncleavable linker for antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker

Solubility Information

Solubility	DMSO: 250 mg/mL (421.85 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (5.57 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6874 mL	8.437 mL	16.8739 mL
5 mM	0.3375 mL	1.6874 mL	3.3748 mL
10 mM	0.1687 mL	0.8437 mL	1.6874 mL
50 mM	0.0337 mL	0.1687 mL	0.3375 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

Paul Joseph Mark JACKSON, et al. PDD Compounds. Patent. US2018339985.

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