

TCO-PEG1-Val-Cit-OH

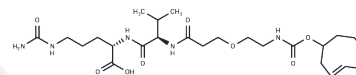
Chemical Properties

CAS No. :

Formula: C₂₅H₄₃N₅O₈

Molecular Weight: 541.64

Storage: Keep away from direct sunlight
 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	TCO-PEG1-Val-Cit-OH is a cleavable 1-unit polyethylene glycol (PEG) linker used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC ₅₀)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8462 mL	9.2312 mL	18.4624 mL
5 mM	0.3692 mL	1.8462 mL	3.6925 mL
10 mM	0.1846 mL	0.9231 mL	1.8462 mL
50 mM	0.0369 mL	0.1846 mL	0.3692 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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