

Boc-Aminoxy-PEG2-bromide

Chemical Properties

CAS No. : 252378-67-9

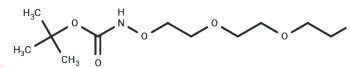
Formula: C₁₁H₂₂BrNO₅

Molecular Weight: 328.2

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	Boc-Aminoxy-PEG2-bromide is a bifunctional, cleavable polyethylene glycol (PEG) linker used specifically in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0469 mL	15.2346 mL	30.4692 mL
5 mM	0.6094 mL	3.0469 mL	6.0938 mL
10 mM	0.3047 mL	1.5235 mL	3.0469 mL
50 mM	0.0609 mL	0.3047 mL	0.6094 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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