

Boc-NH-PEG2-CH₂CH₂COOH

Chemical Properties

CAS No. :	1365655-91-9
Formula:	C ₁₂ H ₂₃ N ₀ O ₆
Molecular Weight:	277.314
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Boc-NH-PEG2-CH ₂ CH ₂ COOH is a PEG-based PROTAC linker that can be used to synthesise PROTAC molecules.
Targets(IC50)	PROTAC Linker

Solubility Information

Solubility	DMSO: 80.00 mg/mL (288.48 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: 3.30 mg/mL (11.90 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	3.6061 mL	18.0304 mL	36.0607 mL
5 mM	0.7212 mL	3.6061 mL	7.2121 mL
10 mM	0.3606 mL	1.803 mL	3.6061 mL
50 mM	0.0721 mL	0.3606 mL	0.7212 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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