

## C-NH-Boc-C-Bis-(C1-PEG1-PFP)

## Chemical Properties

CAS No. : 1807521-01-2

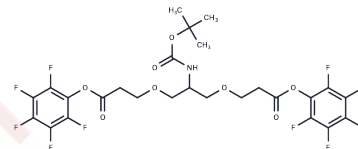
Formula: C<sub>26</sub>H<sub>23</sub>F<sub>10</sub>N<sub>0</sub>O<sub>8</sub>

Molecular Weight: 667.45

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	C-NH-Boc-C-Bis-(C1-PEG1-PFP), a polyethylene glycol (PEG)-derived PROTAC linker, is utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4982 mL	7.4912 mL	14.9824 mL
5 mM	0.2996 mL	1.4982 mL	2.9965 mL
10 mM	0.1498 mL	0.7491 mL	1.4982 mL
50 mM	0.030 mL	0.1498 mL	0.2996 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

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