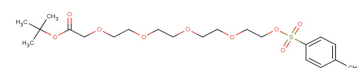


Tos-PEG4-CH2-Boc

Chemical Properties

CAS No.: 169751-73-9
Formula: C₂₁H₃₄O₉S
Molecular Weight: 462.55
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Tos-PEG4-CH2-Boc is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
Targets(IC ₅₀)	PEGs: None Alkyl/ether: None
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.162 mL	10.81 mL	21.619 mL
5 mM	0.432 mL	2.162 mL	4.324 mL
10 mM	0.216 mL	1.081 mL	2.162 mL
50 mM	0.043 mL	0.216 mL	0.432 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Snaebjornsson MT, et al. Non-canonical functions of enzymes facilitate cross-talk between cell metabolic and regulatory pathways. Exp Mol Med. 2018 Apr 16;50(4):34.

Inhibitors · Natural Compounds · Compound Libraries

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