

Tos-PEG4-t-butyl ester

Chemical Properties

CAS No. :	217817-01-1
Formula:	C ₂₀ H ₃₂ O ₈ S
Molecular Weight:	432.528
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	Tos-PEG4-t-butyl ester (Tos-PEG4-Boc) is a PROTAC linker characterized by its PEG composition, crucial in synthesizing various PROTACs, including BI-3663, a selective PTK2/FAK PROTAC. Using cereblon ligands, it targets E3 ligases to degrade PTK2, exhibiting potent inhibitory activity with an IC ₅₀ of 18 nM[1].
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.312 mL	11.5599 mL	23.1198 mL
5 mM	0.4624 mL	2.312 mL	4.624 mL
10 mM	0.2312 mL	1.156 mL	2.312 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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

Popow J, et al. Highly Selective PTK2 Proteolysis Targeting Chimeras to Probe Focal Adhesion Kinase Scaffolding Functions. J Med Chem. 2019 Mar 14;62(5):2508-2520.

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