
Product Data Sheet

Product Name: Tos-PEG4-t-butyl ester

Cat. No.: GC38867

Chemical Properties

Cas. No. 217817-01-1

SMILES O=C(OC(C)(C)C)CCOCCOCCOCCOS(=O)(C1=CC=C(C)C=C1)=OFormula C₂₀H₃₂O₈S M.Wt 432.53

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Tos-PEG4-t-butyl ester (Tos-PEG4-Boc) is a PROTAC linker, which refers to the PEG composition. Tos-PEG4-t-butyl ester (Tos-PEG4-Boc) can be used in the synthesis of a series of PROTACs, such as BI-3663 . BI-3663 is a highly selective PTK2/FAK PROTAC, with cereblon ligands to hijack E3 ligases for PTK2 degradation, and inhibits PTK2 with an IC₅₀ of 18 nM[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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