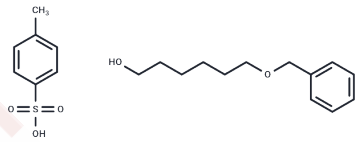
Data Sheet (Cat.No.T18513)

TargetMol

OTs-C6-OBn

Chemical Properties



CAS No. : 126519-80-0

Formula: C20H26O4S

Molecular Weight: 362.48

Storage: Keep away from direct sunlight
Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	OTs-C6-OBn, an alkyl chain-based PROTAC linker, is utilized in the synthesis of PROTAC SGK3 degrader-1[1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7588 mL	13.7939 mL	27.5877 mL
5 mM	0.5518 mL	2.7588 mL	5.5175 mL
10 mM	0.2759 mL	1.3794 mL	2.7588 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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

Tovell H, et al. Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTAC Degrader. ACS Chem Biol. 2019 Sep 20;14(9):2024-2034.

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