

## 2-(Benzyloxy)ethanol

## Chemical Properties

CAS No. : 622-08-2

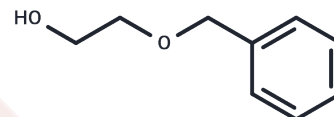
Formula: C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight: 152.19

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	2-(Benzyloxy)ethanol is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands necessary for forming PROTAC molecules, thereby enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands joined by a linker—one for an E3 ubiquitin ligase and the other for a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.5707 mL	32.8537 mL	65.7073 mL
5 mM	1.3141 mL	6.5707 mL	13.1415 mL
10 mM	0.6571 mL	3.2854 mL	6.5707 mL
50 mM	0.1314 mL	0.6571 mL	1.3141 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

Reed NN, et al. A one-step synthesis of monoprotected polyethylene glycol ethers. J Org Chem. 2000 Sep 8;65(18): 5843-5.

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