

## Bis(2-bromoethyl) ether

## Chemical Properties

CAS No. : 5414-19-7

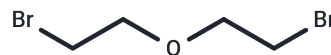
Formula: C<sub>4</sub>H<sub>8</sub>Br<sub>2</sub>O

Molecular Weight: 231.91

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	Bis (2-bromoethyl) ether, an alkyl chain-derived PROTAC linker, facilitates the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.312 mL	21.5601 mL	43.1202 mL
5 mM	0.8624 mL	4.312 mL	8.624 mL
10 mM	0.4312 mL	2.156 mL	4.312 mL
50 mM	0.0862 mL	0.4312 mL	0.8624 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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