

Product Data Sheet

Product Name: Bis(2-bromoethyl) ether

Cat. No.: GC61418

Chemical Properties

Cas. No. 5414-19-7

SMILES BrCCOCCBr

Formula C₄H₈Br₂O

M.Wt 231.92

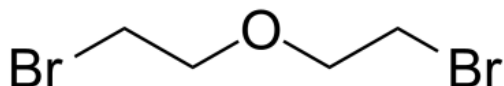
Solubility

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

Bis2-bromoethyl ether is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[1].

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

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

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[1]. 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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