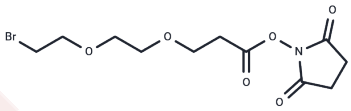
Data Sheet (Cat.No.T39621)

TargetMol

Bromo-PEG2-NHS ester

Chemical Properties



CAS No. : 2148295-96-7

Formula: C11H16BrNO6

Molecular Weight: 338.154

Storage: Keep away from direct sunlight
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	Bromo-PEG2-NHS ester, a PEG-based linker for PROTACs, connects two essential ligands necessary for PROTAC molecule formation and enables selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by connecting two distinct ligands with a linker, where one ligand targets an E3 ubiquitin ligase and the other binds to the target protein [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9573 mL	14.7863 mL	29.5727 mL
5 mM	0.5915 mL	2.9573 mL	5.9145 mL
10 mM	0.2957 mL	1.4786 mL	2.9573 mL
50 mM	0.0591 mL	0.2957 mL	0.5915 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481