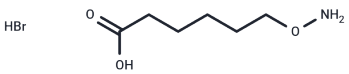
Data Sheet (Cat.No.T18489)

TargetMol

NH2-O-C5-COOH hydrobromide

Chemical Properties



CAS No. : 448954-98-1

Formula: C6H14BrNO3

Molecular Weight: 228.08

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	NH2-O-C5-COOH (hydrobromide) is an alkyl chain-derived PROteolysis TArgeting Chimera (PROTAC) linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one targets an E3 ubiquitin ligase and the other targets the desired protein, leveraging the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3844 mL	21.9221 mL	43.8443 mL
5 mM	0.8769 mL	4.3844 mL	8.7689 mL
10 mM	0.4384 mL	2.1922 mL	4.3844 mL
50 mM	0.0877 mL	0.4384 mL	0.8769 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