

Bromoacetamido-C2-PEG2-NH-Boc

Chemical Properties

CAS No. : 182244-33-3

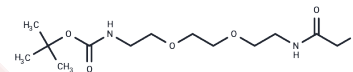
Formula: C₁₃H₂₅BrN₂O₅

Molecular Weight: 369.25

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	Bromoacetamido-C2-PEG2-NH-Boc is a polyethylene glycol (PEG)-based linker with a bromoacetamido functional group and a tert-butoxycarbonyl (Boc) protecting group, used in the synthesis of proteolysis-targeting chimeras (PROTACs), which are innovative compounds for targeted protein degradation[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—one binding to an E3 ubiquitin ligase and the other to the target protein—leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7082 mL	13.541 mL	27.0819 mL
5 mM	0.5416 mL	2.7082 mL	5.4164 mL
10 mM	0.2708 mL	1.3541 mL	2.7082 mL
50 mM	0.0542 mL	0.2708 mL	0.5416 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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