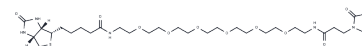


Biotin-PEG6-Mal

Chemical Properties

CAS No. : 1808990-66-0
Formula: C₃₁H₅₁N₅O₁₁S
Molecular Weight: 701.83
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Biotin-PEG6-Mal is a biotinylated PROTAC linker derived from a polyethylene glycol (PEG) scaffold. It serves as an essential component for the synthesis of PROTACs, which are targeted protein degraders[1].
Targets(IC50)	Others
In vitro	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].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4248 mL	7.1242 mL	14.2485 mL
5 mM	0.285 mL	1.4248 mL	2.8497 mL
10 mM	0.1425 mL	0.7124 mL	1.4248 mL
50 mM	0.0285 mL	0.1425 mL	0.285 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.

Reference

Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

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:36 Washington Street,Wellesley Hills,MA 02481