Data Sheet (Cat.No.T17767)

TargetMol®
YOUR TARGET MOLECULES

DBCO-NHCO-PEG2-NHS ester

Chemical Properties

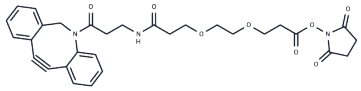
CAS No. : T17767

Formula: C30H31N3O8

Molecular Weight: 561.58

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DBCO-NHCO-PEG2-NHS ester, a PEG-based PROTAC linker, enables the synthesis of PROTACs[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	1.7807 mL	8.9035 mL	17.8069 mL
5 mM	0.3561 mL	1.7807 mL	3.5614 mL
10 mM	0.1781 mL	0.8903 mL	1.7807 mL
50 mM	0.0356 mL	0.1781 mL	0.3561 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

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:36 Washington Street,Wellesley Hills,MA 02481