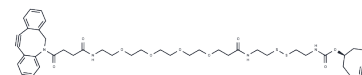


DBCO-PEG4-SS-TCO

Chemical Properties

CAS No. : T17799
Formula: C43H58N4O9S2
Molecular Weight: 839.07
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DBCO-PEG4-SS-TCO is a cleavable 4-unit polyethylene glycol (PEG) linker essential for the synthesis of antibody-drug conjugates (ADCs)[1]. It plays a crucial role in connecting the drug payload to the antibody, enabling targeted drug delivery.
Targets(IC50)	Others
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1918 mL	5.959 mL	11.918 mL
5 mM	0.2384 mL	1.1918 mL	2.3836 mL
10 mM	0.1192 mL	0.5959 mL	1.1918 mL
50 mM	0.0238 mL	0.1192 mL	0.2384 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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