

## DBCO-PEG-NHS (MW 5000)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	DBCO-PEG-NHS (MW 5000) is a functionalized PEG derivative composed of DBCO, PEG chain and NHS ester. Among them, NHS esters can be covalently coupled with amino acids or other amino-containing molecules, and DBCO groups can undergo copper-free click reaction with azide groups through strain-promoted alkyne-azido cycloaddition reaction (SPAAC).
Targets(IC50)	Others

## Reference

Hood ED, et al. Vascular Targeting of Radiolabeled Liposomes with Bio-Orthogonally Conjugated Ligands: Single Chain Fragments Provide Higher Specificity than Antibodies. *Bioconjug Chem.* 2018 Nov 21;29(11):3626-3637.

**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