

## DBCO-PEG4-TAMRA

## Chemical Properties

CAS No. : 1895849-41-8

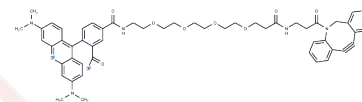
Formula: C<sub>54</sub>H<sub>57</sub>N<sub>5</sub>O<sub>10</sub>

Molecular Weight: 936.06

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	DBCO-PEG4-TAMRA, contains a DBCO group, is a PEG-based TAMRA dye. The TAMRA dye is a dye widely used in oligonucleotide labeling.
Targets(IC50)	Others, Autophagy
In vitro	DBCO reacts with azide functionalized compounds or biomolecules without catalyst to form a stable triazole linkage, which is an ideal alternative to copper intolerant applications.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0683 mL	5.3415 mL	10.6831 mL
5 mM	0.2137 mL	1.0683 mL	2.1366 mL
10 mM	0.1068 mL	0.5342 mL	1.0683 mL
50 mM	0.0214 mL	0.1068 mL	0.2137 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

Hein CD, et al. Click chemistry, a powerful tool for pharmaceutical sciences. Pharm Res. 2008 Oct;25(10):2216-30.

**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