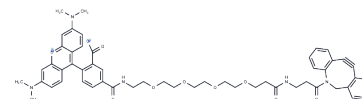


DBCO-PEG4-TAMRA

Chemical Properties

CAS No. :	1895849-41-8
Formula:	C54H57N5O10
Molecular Weight:	936.06
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



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
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.

Reference

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

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