

## Azido-PEG24-Tos

## Chemical Properties

CAS No. :	3075220-94-6
Formula:	C55H103N3O26S
Molecular Weight:	1254.48
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	Azido-PEG24-Tos is a PEG derivative utilized in research areas such as drug delivery. This compound is a click chemistry reagent, featuring an azide group that can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. Additionally, it can participate in strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules having DBCO or BCN groups.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7971 mL	3.9857 mL	7.9714 mL
5 mM	0.1594 mL	0.7971 mL	1.5943 mL
10 mM	0.0797 mL	0.3986 mL	0.7971 mL
50 mM	0.0159 mL	0.0797 mL	0.1594 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.

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