

## Silane-PEG-N3 (MW 400)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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   | Silane-PEG-N3 (MW 400) (Silane-PEG-azide (MW 400)) is a PEG derivative comprising silane, PEG units, and an azide group. It can modify glass, silicon, or other surfaces through a hydroxyl reaction with ethoxy (methoxy) silane. The azide group facilitates copper-catalyzed azide-alkyne cycloaddition (CuAAC) with alkyne-containing molecules and strain-promoted alkyne-azide cycloaddition (SPAAC) with DBCO or BCN group-containing molecules. |
| Targets(IC50) | Others  |

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