

RB-PEG-N3 (MW 1000)

## 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   | RB-PEG-N3 (MW 1000) (Rhodamine B-PEG-N3 (MW 1000)) is a fluorescent dye composed of Rhodamine B, PEG, and an azide group (N3). As a click chemistry reagent, it features the azide group capable of undergoing copper-catalyzed azide-alkyne cycloaddition (CuAAC) with alkyne-containing molecules. Additionally, it can participate in strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules containing DBCO or BCN groups, with excitation and emission at 546/610 nm. |
| Targets(IC50) | Others  |

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