

Cy5.5-PEG-N3 (MW 5000)

## 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	Cy5.5-PEG-N3 (MW 5000) is a fluorescent azide dye utilized for the amino group modification in peptides, proteins, and oligonucleotides. As a reagent for click chemistry, it incorporates an azide group that can engage in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with alkyne-containing molecules. Additionally, it can participate in strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Others

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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