

Azide-PEG1-Desthiobiotin

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	Azide-PEG1-Desthiobiotin is a PEG derivative comprising desthiobiotin, a single PEG unit, and an azide group (azide). Biotin within this compound can form a stable non-covalent bond with streptavidin (Streptavidin). The azide group facilitates copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups. Additionally, it can undergo strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with molecules that have DBCO or BCN groups.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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