

Biotin-PEG-Alk (MW 2000)

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	Biotin-PEG-Alk (MW 2000) is a biotin-labeled polyethylene glycol (PEG) derivative with an alkyne group for click chemistry applications. This compound efficiently binds to biotin targets via the alkyne moiety, facilitating copper-catalyzed azide-alkyne cycloaddition (CuAAC) and enhancing biotin-avidin interaction assays in bioconjugation processes like protein labeling. The hydrophilic nature of PEG ensures solubility in aqueous environments and minimal toxicity.
Targets(IC50)	Others

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481