

Biotin PEG4 amine

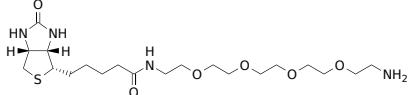
Catalog Number: 3013

Unit Size: 5 mg

Product Details

Storage Conditions	Freeze (< -15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid white
Molecular Weight	462.61
Soluble In	DMSO
Chemical Structure	 The chemical structure shows biotin (a thiazolidine ring with an amide group) attached to the end of a PEG4 chain. The PEG4 chain consists of four ethylene oxide units linked by oxygen atoms, with an amine group (NH2) at the far end.

Spectral Properties

Excitation Wavelength	N/A
Emission Wavelength	N/A

Applications

Biotin PEG4 amine is a biotinylation reagent with a PEG4 spacer. It is an excellent building block that can be used to make conjugates with carbonyl-containing molecules. Biotin PEG4 amine has a water-soluble and flexible spacer arm that helps to reduce aggregation and steric hindrance.