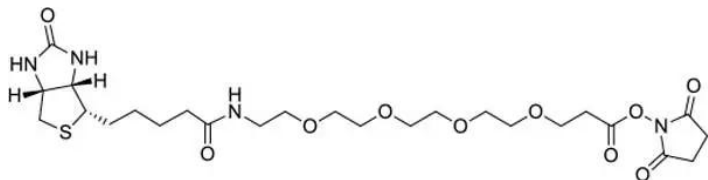


BIOTIN-PEG4-NHS ESTER

SKU: CCT-B103



Description

Biotin-PEG4-NHS Ester reacts specifically and efficiently with primary amines (e.g., a side chain of lysine residues or aminosilane-coated surfaces) at pH 7-9 to form covalent bonds. The hydrophilic polyethylene glycol (PEG) spacer arm of this reagent imparts water solubility that is transferred to the labeled molecule, thus reducing aggregation of labeled proteins stored in solution. The PEG spacer arm also gives the reagent a long and flexible connection to minimize steric hindrance involved with binding to avidin molecules.

Specifications

Unit Size	25 mg, 100 mg, 1000 mg
Molecular weight	588.67
Chemical composition	C ₂₅ H ₄₀ N ₄ O ₁₀ S
CAS	459426-22-3
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95%
Appearance	White to grey amorphous solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.