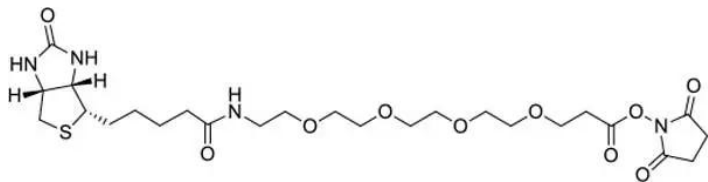




## **BIOTIN-PEG4-NHS ESTER**

**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**

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

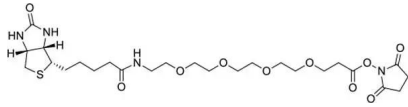
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## DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES



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