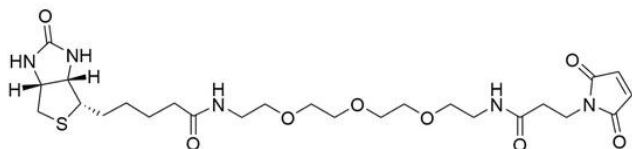


## **BIOTIN-PEG3-MALEIMIDE**

**SKU:** CCT-1029



### **Description**

Biotin-PEG3-Maleimide enables simple and efficient biotinylation of antibodies, cysteine-containing peptides and other thiol-containing molecules. The maleimide group reacts specifically and efficiently with reduced thiols (sulfhydryl groups, -SH) at pH 6.5 to 7.5 to form stable thioether bonds. The hydrophilic polyethylene glycol (PEG) spacer arm imparts water solubility that is transferred to the labeled molecule, thus reducing aggregation of labeled proteins stored in solution.

### **Specifications**

<b>Unit Size</b>	25 mg, 100 mg, 1000mg
<b>Molecular weight</b>	569.67
<b>Chemical composition</b>	C <sub>25</sub> H <sub>39</sub> N <sub>5</sub> O <sub>8</sub> S
<b>CAS</b>	1431618-70-0
<b>Solubility</b>	DMSO, DMF
<b>Purity</b>	>90%
<b>Appearance</b>	Colorless to slightly yellow amorphous solid
<b>Storage Conditions</b>	-20C
<b>Shipping Conditions</b>	Ambient temperature

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