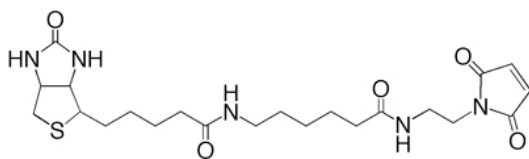




Biotin (Long Arm) Maleimide

SP-1501-12

[Product Images](#)



Short Description

Biotin (Long Arm) Maleimide is designed for biotinylating proteins, nucleic acids or other molecules containing one or more thiol groups. The presence of the 6-aminohexanoate spacer arm between the maleimide group and biotin reduces the possibility of steric hinderance. Molecules to be labeled with Biotin (Long Arm) Maleimide require free thiol groups. In the case of proteins, Biotin (Long Arm) Maleimide will react with exposed cysteine residues. Alternatively, free thiols may be generated by reducing disulfide bonds or by modifying other reactive groups such as primary amines with compounds like Traut's reagent (2-iminothiolane).

Additional Information

Unit Size	12 mg
Target for Labeling	DNA, Oligonucleotides, PNA, Protein, RNA
Recommended Storage	Storage in solution not recommended. - 20°C to - 80 °C.
Molecular Weight	479.6
Required Reactive Group	Thiol Group
Tag/Group Incorporated	Biotin
Safety Title	NA

