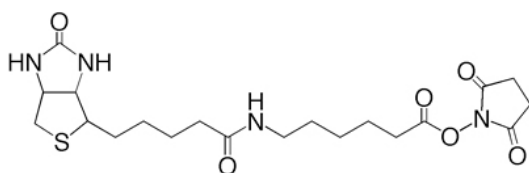




Biotin (Long Arm) NHS

SP-1200-50

Product Images



Short Description

Biotin (Long Arm) NHS is an N-hydroxysuccinimide derivative of biotin with an aminohexanoate spacer arm to provide for maximum accessibility of biotin by avidin and streptavidin conjugates. The reagent will readily couple biotin under mild alkaline conditions to primary amino groups of proteins. Biotin (Long Arm) NHS is ideally suited to label antibodies, hormones or other polypeptide molecules containing lysine residues. The linkage between biotin and proteins produced with this reagent is stable, with no significant loss of biotin on storage. Fifty mg of Biotin (Long Arm) NHS is generally sufficient to label 500 mg of protein.

Additional Information

Unit Size	50 mg
Target for Labeling	Protein
Recommended Storage	Frozen (desiccated). Storage in solution is not recommended.
Molecular Weight	454.6
Chemical Formula	$C_{20}H_{30}N_4O_6S$
Required Reactive Group	Primary Amino Group
Tag/Group Incorporated	Biotin
Safety Title	NA

