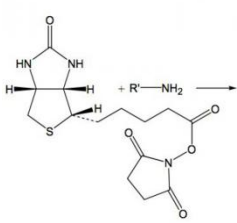


Specification Sheet: Biotin-NHS Ester

Product Name	Biotin-NHS Ester
Chemical Name	(+) Biotin N-hydroxysuccinimide ester
Catalog #	HPT1802
Formula	C₁₄H₁₉N₃O₆S
CAS No.	35013-72-0
Molecular Weight	341.38
Spacer arm	1.3 nm
Purity	Higher than 95%
Appearance	White-off white powder
Solvent System	DMF or DMSO. Recommended solubilization. 0.5 mg Biotin-NHS ester in 0.5 ml DMSO or DMF. Add solubilized Biotin- NHS ester to non-amine containing buffer for conjugation. Use approximately 250 μl Biotin-NHS ester – DMSO solution per 1 mg protein.
Description	<p>Biotin-NHS ester is an amine reactive biotinylating reagent commonly employed to label peptides and nucleotides expression. Streptavidin binds biotin with high affinity, and can be used in applications for labeling and purification.</p> <p>Structure:</p> 
Storage	Desiccate. Keep at -20 °C. Moisture sensitive.
Detailed Information	Material Safety Data Sheet (MSDS)