

Biotin-X-X-NHS

Cat. Number:	D-9813
Quantity Size:	1mg/5mg
Chemical formula:	C ₂₆ H ₄₁ N ₅ O ₇ S
Molar mass:	567.70
Assay:	≥95% (HPLC)
Form:	powder
Solubility:	DMF: 25 mg/mL
Storage:	Store at -20°C.
Also known as:	Biotinamidohexanoyl-6-aminohexanoic acid N-hydroxysuccinimide ester; 6-(Biotinamidocaproylamido)caproic acid N-hydroxysuccinimide ester; N-Succinimidyl N-[6-(biotinylamino)caproyl]-6-aminocaproate; 89889-52-1;
Application:	Biotinylation reagent incorporating an extended 14-atom spacer can reduce steric hindrance in binding avidin or streptavidin to some biotinylated compounds and increase sensitivity for detection. Typically coupled to primary amine in the pH range 6.5-8.5.

