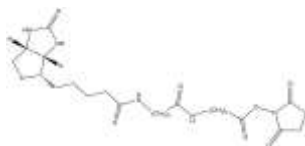


PRODUCT: Biotin-LC-LC-NHS**ALTERNATE NAME:** 6-((6-((Biotinoyl)amino)hexanoyl)amino)hexanoic acid, succinimidyl ester; Biotin-XX-NHS**CATALOG #:** 2346-50, 250, 1000, 5000**AMOUNT:** 50 mg, 250 mg, 1 g, 5 g**STRUCTURE:****MOLECULAR FORMULA:** C₂₆H₄₁N₅O₇S**MOLECULAR WEIGHT:** 567.70**CAS NUMBER:** 89889-52-1**APPEARANCE:** White solid**SOLUBILITY:** DMF (~ 25 mg/ml)**PURITY:** ≥95% by HPLC**STORAGE:** At -20° C. Protect from air and moisture**DESCRIPTION:** Biotin-LC-LC-NHS is a useful reagent for biotinylation of primary amines under mild conditions (pH~6.5-8.5). Some examples of primary amines for biotinylation include lysines on the surface of proteins, antibodies, etc. Inserts a 14-atom spacer between biotin and the target ligand, thus minimizing the steric hindrance in binding avidin or streptavidin to some biotinylated compounds and increase sensitivity for detection.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Biotin-LC-NHS (Cat. No. 2345-50, 250, 1000)
DTSSP Crosslinker (Cat. No. 2337-50, 250)
Sulfo-SMCC (Cat. No. 2320-50, 100, 1000, 1 EA)
Sulfo-NHS (Cat. No. 2321-500, 5G, 1 EA)
Sulfo-NHS-Biotin (Cat. No. 2322-50, 250, 1 EA)
Sulfo-SANPAH (Cat. No. 2324-50, 250)
Sulfo-LC-SPDP (Cat. No. 2325-50, 250)
Sulfo-NHS-LC-Biotin (Cat. No. 2326-50, 250, 1EA)
BS3 Crosslinker (Cat. No. 2327-50, 250, 1000, 1 EA)
SPDP Crosslinker (Cat. No. 2328-50, 250)
Biotin-HPDP (Cat. No. 2329-50, 250)
Traut's Reagent (Cat. No. 2330-50, 250)
N-Hydroxysuccinimide (Cat. No. 2331-1G, 5G, 25G)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*