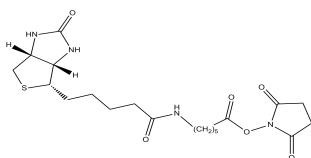


PRODUCT: Biotin-LC-NHS**ALTERNATE NAME:** Biotin-6-aminohexanoic acid-N-hydroxysuccinimide ester;
Biotin-X-NHS**CATALOG #:** 2345-50, 250, 1000**AMOUNT:** 50 mg, 250 mg, 1 g**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₃₀N₄O₆S**MOLECULAR WEIGHT:** 454.54**CAS NUMBER:** 72040-63-2**APPEARANCE:** White solid**SOLUBILITY:** DMSO (20 mg/ml) or DMF (20 mg/ml)**PURITY:** ≥95% by HPLC**STORAGE:** At -20°C. Protect from air and moisture**DESCRIPTION:** Biotin-LC-NHS is a useful reagent for biotinylation of primary amines under alkaline conditions (pH~8-9). Some examples of primary amines for biotinylation include lysines on the surface of proteins, antibodies, etc. Inserts a 6-atom spacer between biotin and the target ligand, thus minimizing the steric hindrance.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Biotin-LC-LC-NHS (Cat. No. 2346-50, 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*