

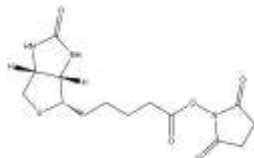
**PRODUCT: Biotin-NHS**

**ALTERNATE NAME:** Biotin-N-hydroxysuccinimide ester; (+)-Biotin N-succinimidyl ester,  $\alpha$ -Biotin NHS ester, BNHS, Biotinyl-N-hydroxysuccinimide, N-Hydroxysuccinimidobiotin, N-Succinimidyl D-biotinate, NHS-Biotin

**CATALOG #:** 2347-50, 250, 1000, 5000

**AMOUNT:** 50 mg, 250 mg, 1 g, 5 g

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S

**MOLECULAR WEIGHT:** 341.38

**CAS NUMBER:** 35013-72-0

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMF (50 mg/ml)

**PURITY:** ≥95% by HPLC

**STORAGE:** At -20° C. Protect from air and moisture

**DESCRIPTION:** Biotin-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.

**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)  
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*