

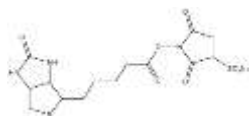
Sulfo-NHS-Biotin

ALTERNATE NAME: Biotin 3-sulfo-N-hydroxysuccinimide ester sodium salt; Sulfosuccinimidobiotin; Sulfo NHS Biotin; Sulfosuccinimidyl biotin; N-hydroxysulfosuccinimidyl biotin; N-hydroxysulfosuccinimido biotin

CATALOG#: 2322-50, 250, Set

AMOUNT#: 50 mg, 250 mg, 1set (10 x 1 mg)

STRUCTURE:



MOLECULAR FORMULA#: C₁₄H₁₈N₃NaO₈S₂

MOLECULAR WEIGHT#: 443.43

CAS#: 119616-38-5

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (~ 20 mg/ml)

PURITY: ≥85% by NMR

STORAGE: -20 °C. Protect from moisture

DESCRIPTION:

A water-soluble biotinylation reagent

KEY FEATURES:

- Sulfo-NHS-Biotin is amine-reactive and has a spacer arm length of 13.5 Å.
- Water-soluble; can be used under physiologic conditions
- The amide bond formed is permanent and the alkyl spacer arm cannot be cleaved

APPLICATIONS:

- Sulfo-NHS-Biotin is ideal for biotinylation antibody or protein that can then be used for protein detection or immobilization
- Sulfo-NHS-Biotin is particularly useful for targeting cell surface proteins due to the membrane-impermeability of this reagent

RELATED PRODUCTS:

Sulfo-SMCC (Cat. No. 2320-50, 100, 1000, 1 EA)

Sulfo-NHS (Cat. No. 2321-500, 5G, 1 EA)

Sulfo-NHS-SS-Biotin (Cat. No. 2323-50, 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, 1EA)

SPDP Crosslinker (Cat. No. 2328-50, 250)

Biotin-HPDP (Cat. No. 2329-50, 250)

Traut's Reagent (Cat. No. 2330-50, 250, 1000)

N-Hydroxy succinimide (Cat. No. 2331-1G, 5G, 25G)

DTSSP Crosslinker (Cat. No. 2337-50, 250)

FOR RESEARCH USE ONLY! Not to be used on humans.