

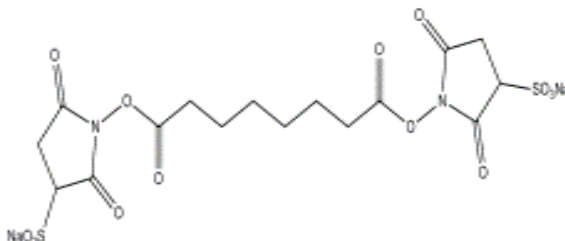
BS3 Crosslinker

ALTERNATE NAME: bis-sulfosuccinimidyl suberate; BS3; sulfo-DSS; bis-sulfo-succinimidyl suberate; bisulfosuccinimidyl suberate; Sulfo-DSS; Suberic acid sulfo-NHS ester; BSSS; BS3-d0; sodium 1,1'-(octanedioylbis(oxy))bis(2,5-dioxopyrrolidine-3-sulfonate), BS₃ protein crosslinker

CATALOG#: 2327-50, 250, 1000, 1 set

AMOUNT#: 50 mg, 250 mg, 1 g, 1 set (10 x 2 mg)

STRUCTURE:



MOLECULAR FORMULA#: C₁₆H₁₈N₂Na₂O₁₄S₂

MOLECULAR WEIGHT#: 572.43

CAS#: 82436-77-9

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (~ 6 mg/ml)

PURITY: ≥90% by NMR

STORAGE: 4 °C. Protect from moisture

DESCRIPTION: BS3 crosslinker is a water-soluble, homobifunctional protein crosslinker.

KEY FEATURES:

- Amine-reactive; has a non-cleavable spacer with arm length of 11.4 Å
- Water-soluble
- Membrane-impermeable

APPLICATIONS:

- Crosslinking of proteins through reaction with primary amines
- Useful for cross-linking 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-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)
 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.