

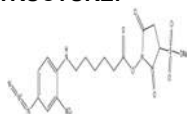
Sulfo-SANPAH Crosslinker

ALTERNATE NAME: Sulfo-SANPAH; Sulfo SANPAH; N-Sulfosuccinimidyl-6-(4'-azido-2'-nitrophenylamino) hexanoate; nitrophenyl azide sulfo NHS ester; Sulfo-NHS-6-(4'-azido-2'-nitrophenylamino)- hexanoate

CATALOG#: 2324-50, 250

AMOUNT#: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA#: C₁₆H₁₇N₆NaO₉S

MOLECULAR WEIGHT#: 492.40

CAS#: 102568-43-4

APPEARANCE: Red orange solid

SOLUBILITY: H₂O (~ 6 mg/ml)

PURITY: ≥90% by NMR

STORAGE: +4 °C. Protect from moisture

DESCRIPTION:

A water-soluble, photoactivable crosslinker

KEY FEATURES & APPLICATIONS:

- It contains an NHS ester that reacts with primary amines and a nitrophenylazide group that is photoreactive at 320-350 nm
- Non-cleavable and irreversible
- Membrane-impermeable
- Amine-reactive; has a spacer arm length of 18.2 Å
- More water-soluble than the corresponding SANPAH

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-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.