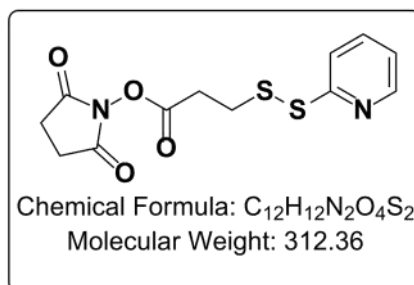




SPDP Crosslinker

Product Numbers: 13411-100, 13411-1

Product Information Bulletin



Product Background

N-Succinimidyl-3-(2-pyridyldithio)propionate ([SPDP](#)) is a heterobifunctional protein crosslinker. SPDP contains an NHS ester that can be used to selectively target amine residues, such as those found in Lysine (K, Lys) and at terminal amines in proteins. The pyridyldithiopropionate residue of the SPDP linker is reactive towards thiol residues (-SH), such as those found in cysteine (C, Cys). These new formed disulfide linkage creates a useful disulfide bond, which can be reduced with [DTT](#) or [ICEP](#).

Alternative Names: SPDP, SPDP Crosslinker, SPDP linker, N-Succinimidyl-3-(2-pyridyldithio)propionate, 3-(2-pyridyldithio) propionic acid N-hydroxysuccinimide ester, 3-(2-pyridyldithio) propionic acid NHS ester, 1-[1-Oxo-3-(2-pyridyldithio)propoxy]pyrrolidine-2,5-dione

Spacer Length: 6.4 Å

Country of Origin: USA

Product Description

Package Size and Product Numbers

100 mg..... 13411-100
1 gram..... 13411-1

Product Name: SPDP Crosslinker

CAS Number:.....[68181-17-9](#)

Product Specifications

- Appearance: White Solid
- Qualitative NMR: Passes
- Quantitative NMR: $\geq 90\%$

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