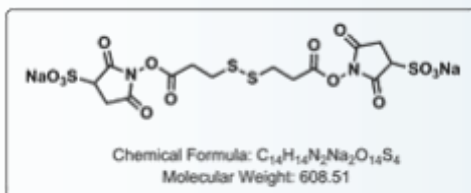


DTSSP Crosslinker

Product Numbers: 13304-100, 13304-1

Product Information Bulletin



Product Background

Alternative Names: [3,3'-Dithiobis\(sulfosuccinimidyl\) propionate](#); [Dithiobis\(sulfosuccinimidyl propionate\)](#); [3,3'-dithiobis\[sulfosuccinimidylpropionate\]](#)

Spacer Length: 12.0 Å

DTSSP is a water soluble, cleavable protein crosslinking reagent. This reagent contains two Sulfo-NHS reactive moieties that are selectively reactive towards amines at pH 7-9. These Sulfo-NHS regions of DTSSP is what gives this molecule its easy solubility in aqueous buffers and its ability not to permeate the cell wall in cellular reactions. With this compound there is no need to reconstitute DTSSP in organic solvent such as DMF or DMSO, although many users do in order to achieve even higher levels of solubility.

Product Description

Package Size and Product Numbers

100 mg..... 13304-100
1 gram..... 13304-1

Product Name: DTSSP Crosslinker
CAS Number:.....[81069-02-5](#)

Product Specifications

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

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