

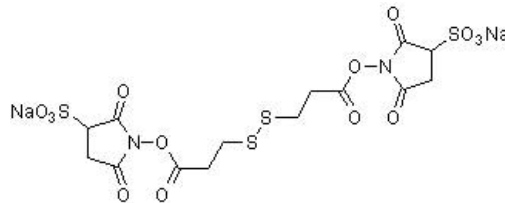
# DTSSP crosslinker, Lysine selective crosslinker ab145616

1 Image

### Overview

<b>Product name</b>	DTSSP crosslinker, Lysine selective crosslinker
<b>Description</b>	Membrane-impermeable lysine selective crosslinker
<b>Purity</b>	> 80%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 2337 DTSSP Crosslinker. 2337-250 is the same size as the 250 mg size of ab145616. CAS number 142702-31-6 corresponds to disodium salt of DTSSP.
<b>CAS Number</b>	142702-31-6

### Chemical structure

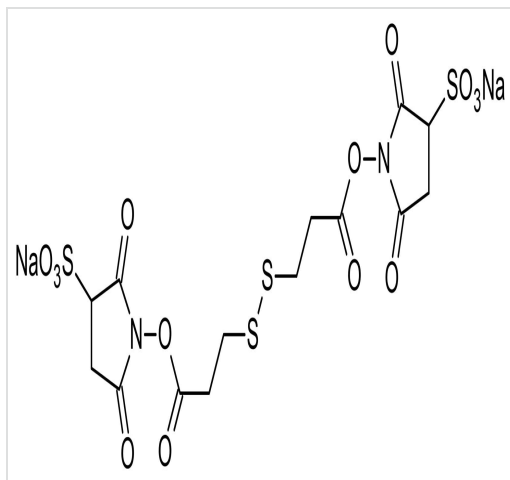


### Properties

<b>Chemical name</b>	1-[3-[[3-(2,5-dioxo-3-sulfo-pyrrolidin-1-yl)oxy-3-oxopropyl]disulfanyl]propanoyloxy]-2,5-dioxopyrrolidine-3-sulfonic acid disodium salt
<b>Molecular weight</b>	608.51
<b>Molecular formula</b>	C <sub>14</sub> H <sub>14</sub> O <sub>14</sub> N <sub>2</sub> S <sub>4</sub> Na <sub>2</sub>
<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 10 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

**SMILES**CN(OC(CCSSCCC(ON1C(C(S(=O)(O[Na])=O)CC1=O)=O)=O)=O)C(CS(=O)(O[Na])=O)=O**Source**

Synthetic

**Images**

2D chemical structure image of ab145616, DTSSP crosslinker,  
Lysine selective crosslinker

Chemical Structure - DTSSP crosslinker, Lysine  
selective crosslinker (ab145616)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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