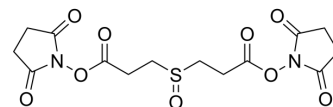


## Disuccinimidyl sulfoxide

Cat. No.:	HY-123740
CAS No.:	1351828-03-9
Molecular Formula:	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>9</sub> S
Molecular Weight:	388.35
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

#### Description

Disuccinimidyl sulfoxide (DSSO) is a mass spectrometry (MS)-cleavable cross-linker that is applicable for model peptides and proteins and a multisubunit protein complex. Disuccinimidyl sulfoxide contains two symmetric collision-induced dissociation (CID)-cleavable sites for identification of DSSO-cross-linked peptides based their distinct fragmentation patterns<sup>[1]</sup>.

### REFERENCES

[1]. Kao A, et al., Development of a novel cross-linking strategy for fast and accurate identification of cross-linked peptides of protein complexes. Mol Cell Proteomics. 2011 Jan;10(1):M110.002212.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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