

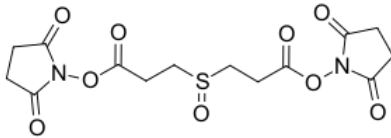
## DSSO linker

<http://cn.lumiprobe.com/p/dsso-linker>

The DSSO (Disuccinimidyl sulfoxide) linker is an MS-cleavable, homobifunctional crosslinker engineered for modern cross-linking mass spectrometry (XL-MS), used for high-resolution analysis of protein-protein interactions (PPIs) and structural topology.

The unique feature is a central sulfoxide group that undergoes predictable, collision-induced dissociation (CID) during tandem MS (MS/MS). This cleavage yields characteristic doublet peaks in the MS/MS spectrum. This distinct fragmentation signature enables unambiguous identification of cross-linked peptides and facilitates automated data processing, directly addressing the complexity of proteome-wide cross-linking studies.

DSSO provides robust, lysine-specific covalent stabilization of protein complexes, delivering precise, residue-level constraints for integrative structural modeling.



外观:  
分子  
量: 388.35  
CAS 1351828-03-9  
编号:  
分子  
式:  $C_{14}H_{16}N_2O_5S$   
溶解  
度:  
质量  
控制:  
储存  
条件:  
法律  
声明:  
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