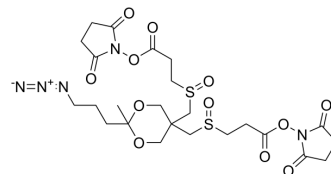


Azide-A-DSBSO crosslinker

Cat. No.:	HY-157414
CAS No.:	1704097-02-8
Molecular Formula:	C ₂₄ H ₃₃ N ₅ O ₁₂ S ₂
Molecular Weight:	647.68
Target:	Others
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)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (154.40 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5440 mL	7.7199 mL	15.4397 mL
	5 mM	0.3088 mL	1.5440 mL	3.0879 mL
	10 mM	0.1544 mL	0.7720 mL	1.5440 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Azide-A-DSBSO crosslinker is a mass spectrometry (MS)-cleavable, membrane-permeable, homobifunctional, azide-labeled, acid-cleavable cross-linked peptide. Azide-A-DSBSO crosslinker enables the study of protein-protein interactions via cross-linking mass spectrometry (XL-MS)^[1].

REFERENCES

[1]. Matzinger M, et al. Fast and Highly Efficient Affinity Enrichment of Azide-A-DSBSO Cross-Linked Peptides. J Proteome Res. 2020 May 1;19(5):2071-2079.

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

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