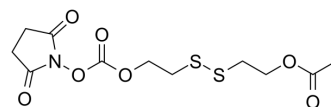


NHS-SS-Ac

Cat. No.:	HY-147117		
CAS No.:	2750799-11-0		
Molecular Formula:	C ₁₁ H ₁₅ NO ₇ S ₂		
Molecular Weight:	337.37		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (148.21 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9641 mL	14.8205 mL	29.6410 mL
	5 mM	0.5928 mL	2.9641 mL	5.9282 mL
	10 mM	0.2964 mL	1.4821 mL	2.9641 mL

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

BIOLOGICAL ACTIVITY

Description

NHS-SS-Ac is an amine-reactive product synthesized from acetic acid^[1].

REFERENCES

[1]. Sun Y, et al. Phase-separating peptides for direct cytosolic delivery and redox-activated release of macromolecular therapeutics. Nat Chem. 2022 Mar;14(3):274-283.

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

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