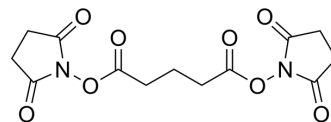


DSG Crosslinker

Cat. No.:	HY-114697		
CAS No.:	79642-50-5		
Molecular Formula:	C ₁₃ H ₁₄ N ₂ O ₈		
Molecular Weight:	326.26		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (306.50 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0650 mL	15.3252 mL	30.6504 mL
	5 mM	0.6130 mL	3.0650 mL	6.1301 mL
	10 mM	0.3065 mL	1.5325 mL	3.0650 mL

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

BIOLOGICAL ACTIVITY

Description	DSG Crosslinker is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .
IC ₅₀ & Target	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Geng X, et al. Synthesis of the Oligosaccharides of Burkholderia pseudomallei and B. mallei Capsular Polysaccharide and Preliminary Immunological Studies of Their Protein Conjugates. J Org Chem. 2020 Feb 21;85(4):2369-2384.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA