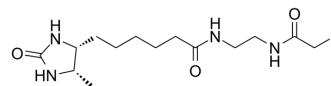


Desthiobiotin-Iodoacetamide

Cat. No.:	HY-150230		
Molecular Formula:	C ₁₄ H ₂₅ IN ₄ O ₃		
Molecular Weight:	424.28		
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 : 50 mg/mL (117.85 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3569 mL	11.7847 mL	23.5693 mL
		5 mM	0.4714 mL	2.3569 mL	4.7139 mL
		10 mM	0.2357 mL	1.1785 mL	2.3569 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (2.95 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.95 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Desthiobiotin-Iodoacetamide can be used as an ADC Linker. Desthiobiotin-Iodoacetamide also acts as a probe used to label the the Oridonin (HY-N0004)-treated cell lysis ^[1] .
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REFERENCES

[1]. Zhang Y, et al. Oridonin acts as a novel senolytic by targeting glutathione S-transferases to activate the ROS-p38 signaling axis in senescent cells. Chem Commun (Camb). 2022 Nov 29;58(95):13250-13253.

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

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