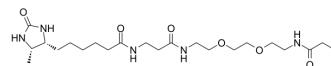


Desthiobiotin polyethyleneoxide iodoacetamide

Cat. No.: HY-143205
Molecular Formula: C₂₁H₃₈IN₅O₆
Molecular Weight: 583.46
Target: Others
Pathway: Others
Storage: Powder -20°C 3 years



* The compound is unstable in solutions, freshly prepared is recommended.

SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (214.24 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7139 mL	8.5696 mL	17.1391 mL
	5 mM	0.3428 mL	1.7139 mL	3.4278 mL
	10 mM	0.1714 mL	0.8570 mL	1.7139 mL

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

BIOLOGICAL ACTIVITY

Description

Desthiobiotin polyethyleneoxide iodoacetamide is useful for cysteine labeling in chemoproteomic experiments^[1].

REFERENCES

[1]. Patrick RA Zanon, et al. Isotopically Labeled Desthiobiotin Azide (isoDTB) Tags Enable Global Profiling of the Bacterial Cysteinome. *Angew Chem Int Ed Engl.* 2020 Feb 10;59(7):2829-2836.

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

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