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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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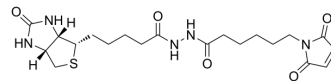
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Biotin-maleimide

Cat. No.:	HY-W808757
CAS No.:	116919-18-7
Molecular Formula:	C ₂₀ H ₂₉ N ₅ O ₅ S
Molecular Weight:	451.54
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (22.15 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2146 mL	11.0732 mL	22.1464 mL
5 mM	0.4429 mL	2.2146 mL	4.4293 mL
10 mM	0.2215 mL	1.1073 mL	2.2146 mL

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

BIOLOGICAL ACTIVITY

Description

Biotin-maleimide is a biotinylated biochemical assay reagent, which can be used as a thiol-specific probe. Biotin-maleimide can also be used to prepare the biotin-conjugated polychelating agent^[1].

REFERENCES

[1]. Biotin-conjugated polychelating agent

[2]. Schwartz BL, et al., Observation of noncovalent complexes to the avidin tetramer by electrospray ionization mass spectrometry. *J Am Soc Mass Spectrom.* 1994 Mar;5(3):201-4.

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

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