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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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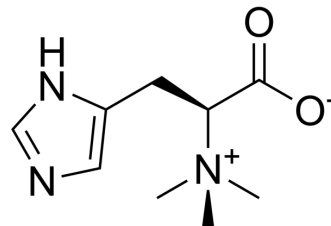
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Hercynine

Cat. No.:	HY-W587960
CAS No.:	534-30-5
Molecular Formula:	C ₉ H ₁₅ N ₃ O ₂
Molecular Weight:	197.23
Target:	Drug Metabolite; Drug Intermediate
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Hercynine (Histidine-betaine) is an intermediate (precursor) and a redox metabolite of Ergothioneine (HY-N1914), which is found in the fine leaf algae, *Schizosaccharomyces cerevisiae* and honey bees. Hercynine has no effect on scavenging •OH radicals^{[1][2]}.

REFERENCES

- [1]. Sotgia S, et al. Hercynine, Ergothioneine and Redox State in Stallion's Seminal Plasma. *Antioxidants* (Basel). 2020 Sep 13;9(9):855.
- [2]. Valachova K, et al. Impact of Ergothioneine, Hercynine, and Histidine on Oxidative Degradation of Hyaluronan and Wound Healing. *Polymers* (Basel). 2020 Dec 29;13(1):95.

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

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