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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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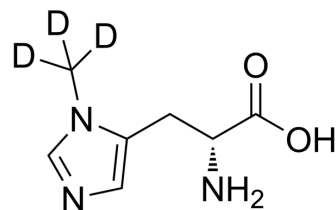
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3-Methyl-D-histidine-d₃ hydrochloride

Cat. No.:	HY-W017007SB
Molecular Formula:	C ₇ H ₉ D ₃ ClN ₃ O ₂
Molecular Weight:	208.66
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



HCl

BIOLOGICAL ACTIVITY

Description

3-Methyl-D-histidine-d₃ hydrochloride is the deuterium labeled 3-Methyl-D-histidine hydrochloride. 3-Methyl-D-histidine hydrochloride can be found in actin and myosin and is a derivative of histidine^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-216.
- [2]. White WJ, Lawrie RA. Variations in the levels of 3-methyl-L-histidine of the myosins within the bovine carcass. *Meat Sci.* 1985;15(3):173-81.

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

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