



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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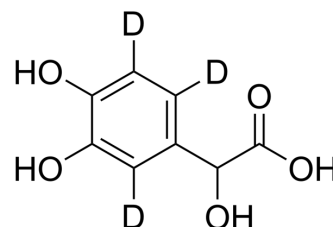
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rac 3,4-Dihydroxymandelic Acid-d₃

Cat. No.:	HY-W653885
Molecular Formula:	C ₈ H ₅ D ₃ O ₅
Molecular Weight:	187.16
Target:	Isotope-Labeled Compounds; Endogenous Metabolite; Drug Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

rac 3,4-Dihydroxymandelic Acid-d₃ is deuterium labeled 3,4-Dihydroxymandelic acid. 3,4-Dihydroxymandelic acid is a metabolite of norepinephrine^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Sule N, et al. The Norepinephrine Metabolite 3,4-Dihydroxymandelic Acid Is Produced by the Commensal Microbiota and Promotes Chemotaxis and Virulence Gene Expression in Enterohemorrhagic *Escherichia coli*. *Infect Immun*. 2017 Sep 20;85(10).

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

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