



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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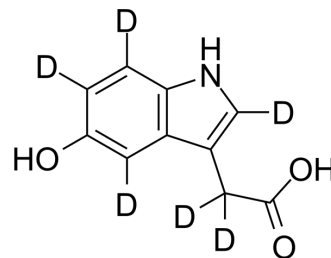
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5-Hydroxyindole-3-acetic acid-d₆

Cat. No.:	HY-W008253S1
Molecular Formula:	C ₁₀ H ₃ D ₆ NO ₃
Molecular Weight:	197.22
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	5-Hydroxyindole-3-acetic acid-d ₆ is the deuterium labeled 5-Hydroxyindole-3-acetic acid. 5-Hydroxyindole-3-acetic acid is the main metabolite of serotonin or metanephrines, which can be used as a biomarker of neuroendocrine tumors.
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-216.
- [2]. Corcuff JB, et al. Urinary sampling for 5HIAA and metanephrines determination: revisiting the recommendations. *Endocr Connect.* 2017 Aug;6(6):R87-R98.

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

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