



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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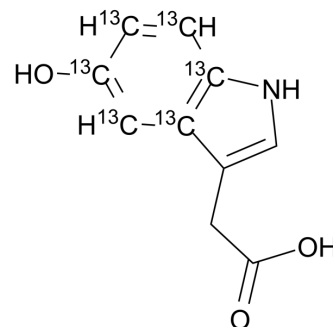
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5-Hydroxyindole-3-acetic acid-¹³C₆

Cat. No.:	HY-W008253S3
CAS No.:	2733322-34-2
Molecular Formula:	C ₄ ¹³ C ₆ H ₉ NO ₃
Molecular Weight:	197.14
Target:	Endogenous Metabolite; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-Hydroxyindole-3-acetic acid- ¹³ C ₆ is the ¹³ C-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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