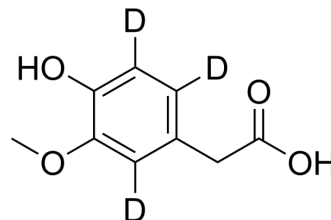


Homovanillic acid-d₃-1

Cat. No.:	HY-N0384S4
CAS No.:	68408-02-6
Molecular Formula:	C ₉ H ₇ D ₃ O ₄
Molecular Weight:	185.19
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Homovanillic acid-d₃-1 (Vanilacetic acid-d₃-1) is deuterated labeled Homovanillic acid (HY-N0384). Homovanillic acid is a dopamine metabolite associated with aromatic amino acid decarboxylase deficiency, celiac disease, growth hormone deficiency, and adiponectin reductase deficiency^[1].

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-216.

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

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