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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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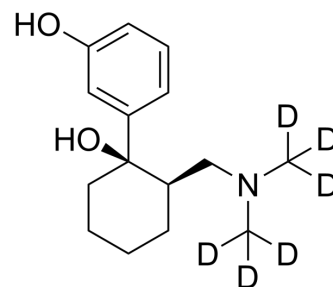
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O-Desmethyl Tramadol-d₆

Cat. No.:	HY-132428S
CAS No.:	873928-73-5
Molecular Formula:	C ₁₅ H ₁₇ D ₆ NO ₂
Molecular Weight:	255.39
Target:	Opioid Receptor; Isotope-Labeled Compounds
Pathway:	GPCR/G Protein; Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

O-Desmethyl Tramadol-d₆ is the deuterium labeled O-Desmethyl Tramadol. O-Desmethyl Tramadol is a primary active metabolite of Tramadol. O-Desmethyl Tramadol is mainly responsible for its μ -opioid receptor-related analgesic effect. Tramadol is metabolized to O-Desmethyltramadol mainly by the cytochrome P450 (CYP) 2D6 enzyme[1].

REFERENCES

[1]. Lee J, et al. Population pharmacokinetic analysis of tramadol and O-desmethyltramadol with genetic polymorphism of CYP2D6. Drug Des Devel Ther. 2019;13:1751-1761.

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

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