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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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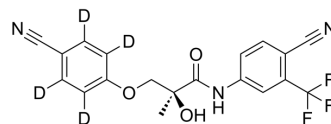
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Ostarine-d₄

Cat. No.:	HY-13273S
CAS No.:	1202044-20-9
Molecular Formula:	C ₁₉ H ₁₀ D ₄ F ₃ N ₃ O ₃
Molecular Weight:	393.35
Target:	Androgen Receptor; Isotope-Labeled Compounds
Pathway:	Vitamin D Related/Nuclear Receptor; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ostarine-d ₄ is a deuterated labeled Ostarine ^[1] .
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]. Thevis M, et al. Trafficking of drug candidates relevant for sports drug testing: detection of non-approved therapeutics categorized as anabolic and gene doping agents in products distributed via the Internet. *Drug Test Anal.* 2011 May;3(5):331-6. doi: 10.1002/dta.283.
- [2]. Zilbermint MF, et al. Nonsteroidal selective androgen receptor modulator Ostarine in cancer cachexia. *Nonsteroidal selective androgen receptor modulator Ostarine in cancer cachexia.*
- [3]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019 Feb;53(2):211-216.

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

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