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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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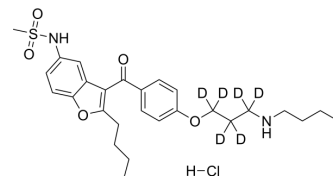
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Debutyldronedarone-d₆ hydrochloride

Cat. No.:	HY-12753S1
CAS No.:	1346598-70-6
Molecular Formula:	C ₂₇ H ₃₁ D ₆ ClN ₂ O ₅ S
Molecular Weight:	543.15
Target:	Drug 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

Debutyldronedarone-d₆ (hydrochloride) is deuterium labeled Debutyldronedarone. Debutyldronedarone is a major circulating active metabolite of dronedarone (HY-A0016) in humans. Debutyldronedarone exhibits a potency that is 1/10 to 1/3 of that of the parent agent[1][2].

REFERENCES

- [1]. Cen Xie, et al. Simultaneous determination of dronedarone and its active metabolite debutyldronedarone in human plasma by liquid chromatography-tandem mass spectrometry: application to a pharmacokinetic study. J Chromatogr B Analyt Technol Biomed Life Sci
- [2]. Marina Santos, et al. Synthesis and characterization of new related substances of the antiarrhythmic drug dronedarone hydrochloride. J Pharm Biomed Anal. 2015 Oct 10;114:441-6.

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

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