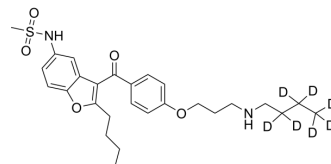


Debutyldronedarone-d₇

Cat. No.:	HY-12753S		
Molecular Formula:	C ₂₇ H ₂₉ D ₇ N ₂ O ₅ S		
Molecular Weight:	507.69		
Target:	Drug Metabolite; Isotope-Labeled Compounds		
Pathway:	Metabolic Enzyme/Protease; Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Debutyldronedarone-d ₇ 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].
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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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