

## **Product** Data Sheet

Inhibitors

**Screening Libraries** 

**Proteins** 

## Debutyldronedarone-d<sub>6</sub> hydrochloride

 Cat. No.:
 HY-12753S1

 CAS No.:
 1346598-70-6

 Molecular Formula:
 C<sub>27</sub>H<sub>31</sub>D<sub>6</sub>ClN<sub>2</sub>O<sub>5</sub>S

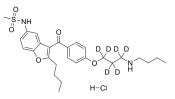
Molecular Weight: 543.15

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-d<sub>6</sub> (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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