
Product Data Sheet

Product Name: Debutyldronedarone D6 hydrochloride

Cat. No.: GC60746

Chemical Properties

Cas. No. 1346598-70-6

SMILES CS(=O)(NC1=CC=C(C2=C1)OC(CCCC)=C2C(C3=CC=C(C=C3)OC([2H])(C([2H])(C([2H])(NCCCC)[2H])[2H])[2H])=O)=O.Cl[H]Formula C₂₇H₃₁D₆ClN₂O₅S

M.Wt

543.15

Solubility

Storage

Store at -20°C

General tips

For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Debutyldronedarone D6 hydrochloride (SR35021 D6 hydrochloride) is deuterium labeled Debutyldronedarone. Debutyldronedarone is a major circulating active metabolite of dronedarone in humans. Debutyldronedarone exhibits a potency that is 1/10 to 1/3 of that of the parent agent[1][2].

[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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
