

Product Data Sheet

Product Name: Acebutolol D7

Cat. No.: GC60552

Chemical Properties

Cas. No. 2701782-36-5

SMILES CCCC(NC1=CC=C(OCC(O)CNC(C([2H])([2H])[2H])([2H])C([2H])([2H])[2H])C(C(C)=O)=C1)=O

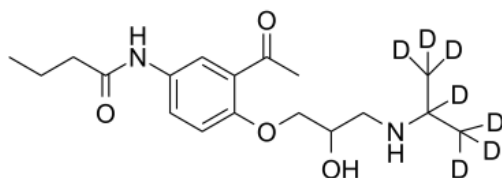
Formula $C_{18}H_{21}D_7N_2O_4$ M.Wt 343.47

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

Acebutolol D7 is a deuterium labeled Acebutolol. Acebutolol is a selective β_1 adrenergic receptor antagonist used in the treatment of hypertension, angina pectoris and cardiac arrhythmias[1].

[1]. Bristow MR, et al. Treatment of chronic heart failure with β -adrenergic receptor antagonists: a

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

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convergence of receptor pharmacology and clinical cardiology. Circ Res. 2011 Oct 28;109(10):1176-94.

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