
Product Data Sheet

Product Name: (E)-10-Hydroxynortriptyline D3

Cat. No.: GC60400

Chemical Properties

Cas. No.

SMILES OC1C2=CC=CC=C2/C(C3=CC=CC=C3C1)=C/CCNC([2H])([2H])[2H]Formula C19H18D3NO M.Wt 282.39

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 (E)-10-Hydroxynortriptyline D3

Background

(E)-10-Hydroxynortriptyline D3 (E-10-OH-NT D3) is a deuterium labeled (E)-10-Hydroxy Nortriptyline. (E)-10-Hydroxy Nortriptyline is a metabolite of Nortriptyline. Nortriptyline is a tricyclic antidepressant and the main active metabolite of Amitriptyline, and is used to relieve the symptoms of depression[1].

[1]. Shimoda K, et al. The impact of CYP2C19 and CYP2D6 genotypes on metabolism of amitriptyline in Japanese psychiatric patients. J Clin Psychopharmacol. 2002 Aug;22(4):371-8.

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

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