
Product Data Sheet

Product Name: 4-Hydroxyatomoxetine-d3

Cat. No.: GC68327

Chemical Properties

Cas. No. 1217686-14-0

Formula C₁₇H₁₈D₃NO₂

M.Wt 274.37

Solubility DMSO : 125 mg/mL (455.59 mM; Need ultrasonic) 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

4-Hydroxyatomoxetine D3 is a deuterium labeled 4-Hydroxyatomoxetine. 4-Hydroxyatomoxetine is an active **metabolite** of Atomoxetine (Tomoxetine). 4-Hydroxyatomoxetine is metabolized by the enzyme **cytochrome P450 2D6 (CYP2D6)**. Atomoxetine is a potent and selective noradrenaline re-uptake inhibitor^[1].

[1]. JT Brown, Single Dose Pharmacokinetics of Atomoxetine in Children

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

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