

Product Name: Tomoxetine - d₃ hydrochloride

Catalog No.: 5527

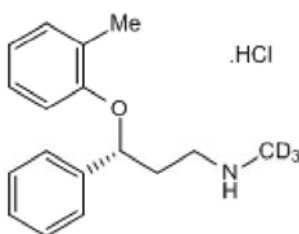
Batch No.: 1

CAS Number: 1217776-38-9

IUPAC Name: (R)-N-(Methyl-d₃)-γ-(2-methylphenoxy)-benzenepropanamine hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₇H₁₈D₃NO.HCl
Batch Molecular Weight: 294.83
Physical Appearance: Off-white solid
Solubility: water to 50 mM with gentle warming
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

Isotopic Purity: 99.6% D
HPLC: Shows 98.9% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Catalog No.: 5527

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CAS Number: 1217776-38-9

IUPAC Name: (R)-N-(Methyl-d₃)-γ-(2-methylphenoxy)-benzenepropanamine hydrochloride

Description:

Deuterated tomoxetine. Tomoxetine also available.

Physical and Chemical Properties:

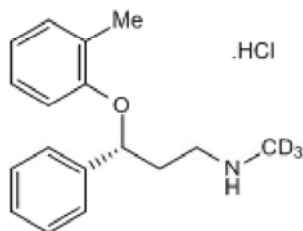
Batch Molecular Formula: C₁₇H₁₈D₃NO.HCl

Batch Molecular Weight: 294.83

Physical Appearance: Off-white solid

Minimum Purity: >98%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

water to 50 mM with gentle warming

This product is supplied as a lyophilized solid and may be very hard to visualize. Solutions should be made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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