

1. Identification

Catalogue Number

P205753

Lot Number

9-RJH-142-1

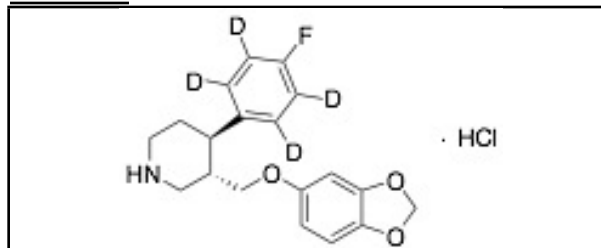
Product Name

rac-Paroxetine-d4 Hydrochloride

Synonyms

rac-3-[(1,3-Benzod-4-ioxol-5-yloxy)methyl]-4-(4-fluorophenyl-d4)piperidine Hydrochloride; rac-Aropax-d4; rac-Deroxat-d4; rac-Paxil-d4; rac-Seroxat-d4;

Structure



CAS Number

1217683-35-6

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉H₁₇D₄ClFNO₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

369.85

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Brown Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

96.15% (200 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.2%

Additional Information

Normalized Intensity: d₀ = 0.03%, d₁ = 0.01%, d₂ = 0.09%, d₃ = 6.79%, d₄ = 93.07%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by



Jessica Wang Chi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

4/17/2025

Retest Date

4/15/2029