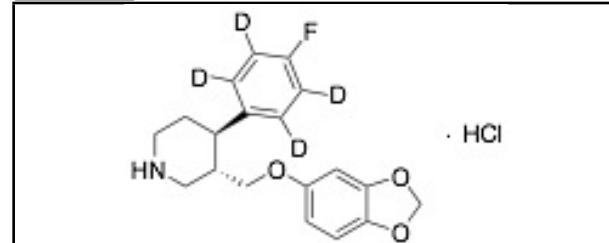


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number P205753 Lot Number 9-RJH-142-1

Product Name
rac-Paroxetine-d4 Hydrochloride

StructureSynonyms

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

CAS Number

1217683-35-6

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₉H₁₇D₄ClFNO₃Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

369.85

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Brown Solid	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 $\pm 2\%$. 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			4/17/2025	4/15/2029

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Quality Assurance Associate