



CERTIFICATE OF ANALYSIS

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1. Identification

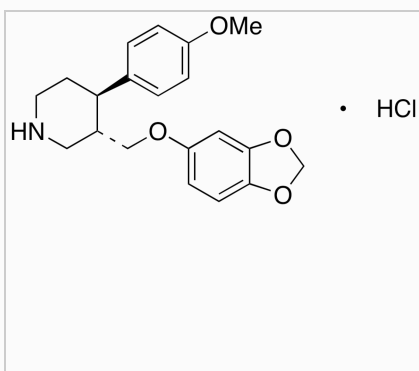
Catalogue Number: D229030

CAS Number: 127017-74-7

Product: rac-trans-4-Defluoro-4-methoxy
Paroxetine Hydrochloride

Synonym: (3R,4S)-rel-3-[(1,3-Benzodioxol-5-yloxy)methyl]-4-(4-methoxyphenyl)piperidine Hydrochloride; trans-(+/-)-3-[(1,3-Benzodioxol-5-yloxy)methyl]-4-(4-methoxyphenyl)

Structure:



Molecular Formula:

C₂₀H₂₄ClNO₄

Molecular weight:

377.86

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 3-SUM-173-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Brown Solid	Light Yellow to Light Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.77, %H: 6.57, %N: 3.78
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.40% (205 nm)
Specific Rotation	Report Result	0.0° (c = 0.1, Methanol)
Water Content	Report Result	~4.4% based on Elemental Analysis

Additional Information: N/A

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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeet Kaur	Toni Rantanen	Christina Gouliaras	8/29/2022	8/27/2026