



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

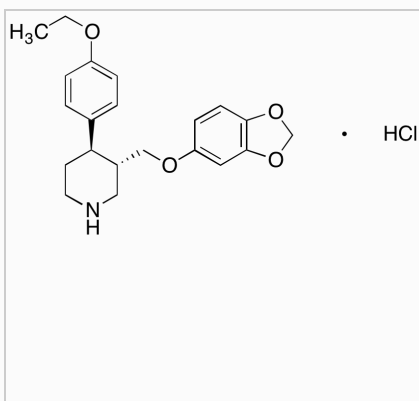
Catalogue Number: D228985

CAS Number: 1346597-97-4

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

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

Structure:



Molecular Formula:

C₂₁H₂₆ClNO₄

Molecular weight:

391.89

Source of Product:

Synthetic

Solubility:

Methanol (Slightly, Sonicated),
Water (Slightly, Heated,
Sonicated)

Lot Number: 9-JLI-102-2

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Brown Solid	Pale Orange to Pale Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	8.8%
Elemental Analysis	Conforms	%C: 63.49, %H: 6.21, %N: 3.27
HPLC Purity	>95%	98.51% (225 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 8 : 2; Visualized with UV, AMCS, and KMnO₄; R_f = 0.50. Elemental Analysis: (Theoretical) %C: 64.36, %H: 6.69, %N: 3.57

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	2/19/2020	2/17/2027
