



CERTIFICATE OF ANALYSIS

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1. Identification

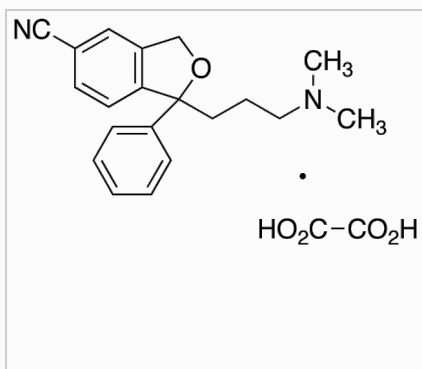
Catalogue Number: D289965

CAS Number: 1093072-86-6

Product: rac Desfluoro Citalopram Oxalate

Synonym: 1-(3-Dimethylaminopropyl)-1-(phenyl)-5-phthalan-carbonitrile Oxalate;

Structure:



Molecular Formula:

$C_{20}H_{22}N_2O \cdot C_2H_2O_4$

Molecular weight:

306.40 + (90.03)

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 11-YSW-104-1

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Brown Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 66.17, %H: 6.08, %N: 7.02
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Oxalate Content	Report Result	20.67% by Ion Chromatography

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
Evan Burns	Toni Rantanen	Chanell Chu	6/3/2021	6/1/2025