



CERTIFICATE OF ANALYSIS

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1. Identification

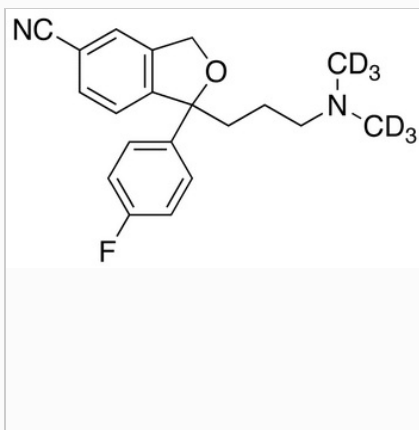
Catalogue Number: C505002

CAS Number: 1190003-26-9

Product: Citalopram-d6

Synonym: 1-[3-(Dimethylamino-d6)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarbonitrile

Structure:



Molecular Formula:

C₂₀H₁₅D₆FN₂O

Molecular weight:

330.43

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly),
Aqueous Acid (Slightly),
Chloroform (Slightly),
Methano

Lot Number: 16-XDD-61-1

Purity: 98%

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	Colourless to Light Yellow Thick Oil to Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.85, %H: 6.35, %N: 8.45
F NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.9%
HPLC Purity	Report Result	98.90% (240 nm)
FT-IR	Conforms to Structure	Conforms

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.01%, d4 = 0.00%, d5 = 6.41%, d6 = 93.58%

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
Swathi Reddy	Toni Rantanen	Chanell Chu	1/13/2023	1/11/2027
