



CERTIFICATE OF ANALYSIS

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1. Identification

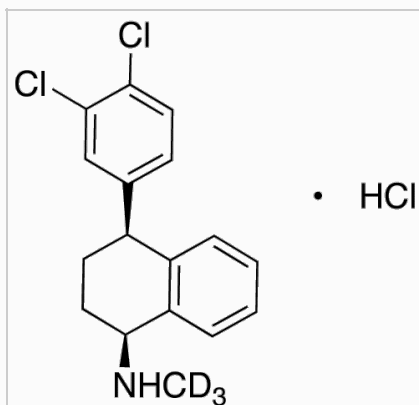
Catalogue Number: S280002

CAS Number: 1217741-83-7

Product: Sertraline-d3 Hydrochloride

Synonym: 4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine-d3 Hydrochloride;

Structure:



Molecular Formula:

C₁₇H₁₅D₃Cl₃N

Molecular weight:

345.71

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol
(Very Slightly)

Lot Number: 35-MJC-56-1

Purity: 96%

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 Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.55, %H: 5.22, %N: 3.94
HPLC Purity	Report Result	99.54% (210 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 100.00%

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	6/30/2023	6/28/2027