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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2025

Product Name: Sertraline EP Impurity G

Identification:

Chemical Name: (1R,4R)-4-(3,4-Dichlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride

Synonyms : Sertraline Enantiomer; Sertraline
(1R,4R)-cis-Isomer

CAS Number : 79645-15-1

CAT Number : CP-S6007

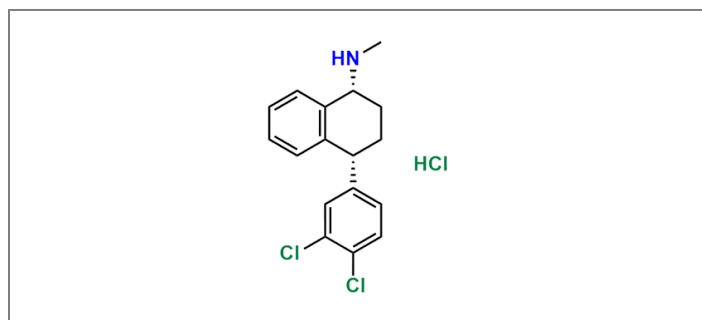
Molecular Formula : C₁₇H₁₇Cl₂N : HCl

Molecular Weight : 306.23 : 36.5

Batch Number : CHEM-SER-G

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.39%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.9503%
8)	Potency by TGA	98.43%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By



Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.