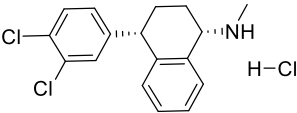




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
318692	Sertraline HCl	TCI70118

Chemical name	
(1S,4S)-4-(3,4-dichlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride	
Synonyms	
Sertraline Hydrochloride; Sertraline HCl; Sealdin; Adjuvin; Atruline; CP 51,974-1; Cp-51,974-1; CP 51,974; CP51,974; CP-51,974; Gladem; Tatig; Tresleen; Zoloft.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 318692 Name: Sertraline HCl CAS#: 79559-97-0 (HCl) Lot#TCI70118 Chemical Formula: C ₁₇ H ₁₈ Cl ₃ N Molecular Weight: 342.69

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE