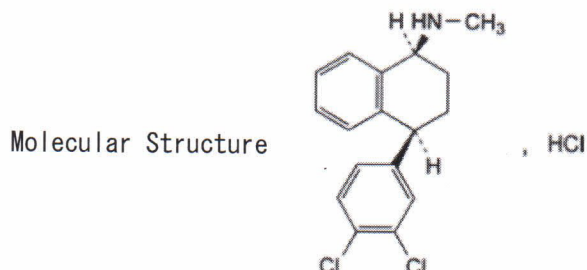


Batch no DK70-2401091
 Mf date Jan 06 2024
 Expiry Jan 05 2026



Molecular Formula $C_{17}H_{18}Cl_3N$

Molecular Weight 342.7

CAS Registry Number 79559-97-0

Mar 20 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White powder or crystalline powder	White crystalline powder
Identification	HPLC, UV, IR, Reaction of chlorides	Positive
Specific optical rotation	+36 ~ +43°	+39.9°
Appearance of solution	Clear; not more intensely coloured than Y ₂ or GY ₂	Conforms
Related substances	Impurity A	0.04%
	Impurity B	< 0.02%
	Impurity C + D	0.02%
	Impurity F	< 0.02%
	Any other detectable impurity	0.06% (RRT:0.95) 0.06% (RRT:1.2) 0.06% (RRT:1.3)
	Total impurities	0.33%
	Impurity E	< 0.02%
	Isomers	< 0.02%
	Loss on drying	0.06%
	Residue on ignition	0.04%
Heavy metals	< 0.001%	
Residual solvents (GC)	Methanol	< 0.003%
	Ethanol	0.0277%
	n-Butanol	< 0.005%
	Tetrahydrofuran	< 0.0005%
	Ethyl acetate	< 0.0005%
	Toluene	< 0.0001%
	O-Dichlorobenzene	< 0.001%
	N-Methyl formamide	< 0.005%
Assay (odb)	≥ 98.5% of C ₁₇ H ₁₇ Cl ₂ N·HCl	99.4%

Packaging & storage	Protected from light, in well closed container
Conclusion	Material complies with CP2020