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DATASHEET

Sertraline hydrochloride

Product overview

Name	Sertraline hydrochloride
Cat No	HB1717
Biological action	Inhibitor
Purity	>98%
Description	Potent, selective 5-HT re-uptake inhibitor (SSRI)

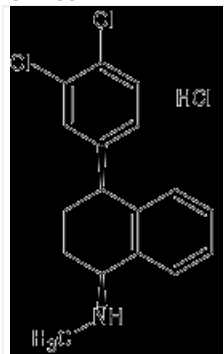
Biological Data

Biological description	Potent, selective 5-HT re-uptake inhibitor (SSRI). Shows antidepressant effects.
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Solubility & Handling

Storage instructions	Room temperature (desiccate)
Solubility overview	Soluble in water (5mM), and in DMSO (100mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine hydrochloride
Molecular Weight	342.69
Chemical structure	

Molecular Formula	C ₁₇ H ₁₇ Cl ₂ N.HCl
CAS Number	79559-97-0
PubChem identifier	63009
SMILES	ClC(C(Cl)=C3)=CC=[C@@]3[C@H]2C1=CC=CC=C1[C@H](NC)CC2.Cl
InChi	InChI=1S/C17H17Cl2N.ClH/c1-20-17-9-7-12(13-4-2-3-5-14(13)17)11-6-8-15(18)16(19)10-11;/h2-6,8,10,12,17,20H,7,9H2,1H3;1H/t12-,17-/m0./s1
InChiKey	BLFQGGGGFNSJKA-XHXSRRVCSA-N
MDL number	MFCD00895772