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DATASHEET

(S)-Duloxetine hydrochloride

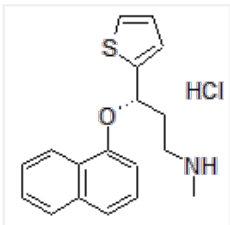
Product overview

Name	(S)-Duloxetine hydrochloride
Cat No	HB1806
Biological action	Inhibitor
Purity	>99%
Description	Potent 5-HT and NA reuptake inhibitor. Also inhibits dopamine reuptake.

Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in water (10mM, gentle warming) 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	(+)-(S)-N-Methyl-3-(1-naphthyloxy)-3-(2-thienyl)propanamine hydrochloride
Molecular Weight	333.88
Chemical structure	
Molecular Formula	C ₁₈ H ₁₉ NOS.HCl
CAS Number	136434-34-9
PubChem identifier	60834
SMILES	CNCC[C@@H](C1=CC=CS1)OC2=CC=CC3=CC=CC=C32.Cl
InChi	InChI=1S/C18H19NOS.ClH/c1-19-12-11-17(18-10-5-13-21-18)20-16-9-4-7-14-6-2-3-8-15(14)16;/h2-10,13,17,19H,11-12H2,1H3;1H/t17-;/m0./s1
InChiKey	BFFSMCNJSOPUAY-LMOVPXPDSA-N
MDL number	MFCD06407958