

Product Datasheet

Paroxetine hydrochloride (orb1307940)

Catalog Number	orb1307940
Category	Small Molecules
Description	Paroxetine hydrochloride is a selective serotonin reuptake inhibitor (SSRI) used in depression research. It is widely applied in both in vitro binding assays and in vivo behavioral studies to investigate serotonergic neurotransmission and antidepressant mechanisms.
Target	GRK,Serotonin Transporter,AChR,Autophagy,5-HT Receptor
Purity	98.00% (May vary between batches)
MW	365.826
Target Areas	GRK 5-HT Receptor AChR Serotonin Transporter Autophagy
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.47 mM);Ethanol:35 mg/mL (95.67 mM);H2O:10 mg/mL (27.34 mM);DMSO:45 mg/mL (123.01 mM)
CAS Number	78246-49-8
Formula	C ₁₉ H ₂₁ ClFNO ₃
SMILES	Cl.Fc1ccc(cc1)[C@@H]1CCNC[C@H]1COc1ccc2OCOc2c1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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