

Product Datasheet

Fluoxetine HCl (orb1310602)

Catalog Number	orb1310602
Category	Small Molecules
Description	Fluoxetine hydrochloride (Lilly 110140) is a selective serotonin reuptake inhibitor (SSRI) used as an antidepressant with a favorable side-effect profile. It is widely employed in neuroscience research to study serotonin neurotransmission in both in vitro binding assays and in vivo behavioral models of depression.
Target	Monoamine transporter
Form/Appearance	powder
Purity	>98%
MW	345.79
Biological Activity	Serotonin reuptake inhibitor (SSRI)
Target Areas	Serotonin Transporter 5-HT Receptor Autophagy
Solubility (25°C)	Soluble in DMSO (up to 35 mg/ml) or in Water (up to 4 mg/ml)
CAS Number	56296-78-7
Formula	C ₁₇ H ₁₈ F ₃ NO • HCl
SMILES	Cl.CNCCC(Oc1ccc(cc1)C(F)(F)F)c1ccccc1
Chemical Name	(±)-N-Methyl-γ-[4-(trifluoromethyl)phenoxy]benzenepropanamine, hydrochloride
Storage	RT
Note	For research use only

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Expiration Date 12 months from date of receipt.

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