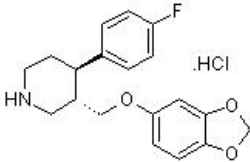


Product datasheet

Paroxetine hydrochloride, 5-HT uptake inhibitor ab120069

[4 References](#) [1 Image](#)

Overview

Product name	Paroxetine hydrochloride, 5-HT uptake inhibitor
Description	5-HT uptake inhibitor
Biological description	Potent, selective 5-HT (serotonin) uptake inhibitor. Inhibits human and rat 5-HT transporters (K_i values are 0.065 and 0.05 nM, respectively). Antidepressant and anxiolytic <i>in vivo</i> .
CAS Number	110429-35-1
Chemical structure	

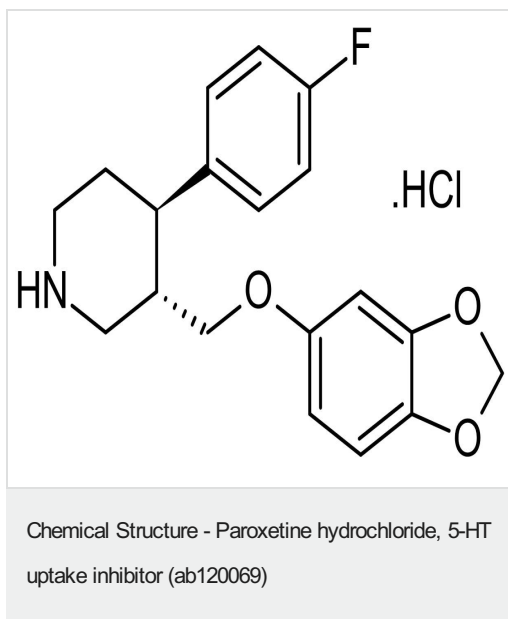
Properties

Chemical name	(3S,4R)-3-((Benzo[d][1,3]dioxol-5-yloxy)methyl)-4-(4-fluorophenyl)piperidine hydrochloride
Molecular weight	365.83
Molecular formula	C ₁₉ H ₂₀ FNO ₃ .HCl
PubChem identifier	62878
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1CNC[C@H]([C@@H]1C2=CC=C(C=C2)F)COC3=CC4=C(C=C3)OCO4.Cl

Source

Synthetic

Images



2D chemical structure image of ab120069, Paroxetine hydrochloride, 5-HT uptake inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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