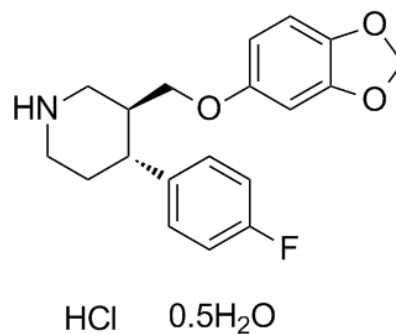


Product Name : Paroxetine hydrochloride hemihydrate
Cat. No. : PC-46650
CAS No. : 110429-35-1
Molecular Formula : C₁₉H₂₂ClFNO_{3.5}
Molecular Weight : 374.83
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

An antidepressant of the selective serotonin reuptake inhibitor (SSRI) class; also shows to be a selective inhibitor of GRK2 activity both in vitro and in living cells; induce autophagy dependent-NLRP3-inflammasome inhibition in Major depressive disorder.

Depression
Approved

References

Thal DM, et al. ACS Chem Biol. 2012 Nov 16;7(11):1830-9.

Gassen NC, et al. Autophagy. 2015;11(3):578-80.

Alcocer-Gómez E, et al. Pharmacol Res. 2017 Jul;121:114-121.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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