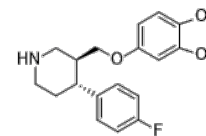


Product Name : Paroxetine
Cat. No. : PC-23760
CAS No. : 61869-08-7
Molecular Formula : C₁₉H₂₀FNO₃
Molecular Weight : 329.37
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

Paroxetine hydrochloride is an oral, selective serotonin reuptake inhibitor (SSRI), also is a direct, selective inhibitor of G protein-coupled receptor kinase 2 (GRK2) with pIC₅₀ of 5.6.

Paroxetine also is a weak norepinephrine (NE) reuptake inhibitor, capable of inducing cell apoptosis and having anti-tumor activity,

Paroxetine induces autophagy dependent-NLRP3-inflammasome inhibition in Major depressive disorder.

References

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

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

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