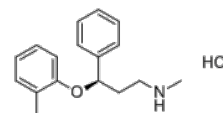


Product Name : Atomoxetine hydrochloride
Cat. No. : PC-63053
CAS No. : 82248-59-7
Molecular Formula : C₁₇H₂₂ClNO
Molecular Weight : 291.819
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

Atomoxetine hydrochloride((R)-Tomoxetine LY-139603) is a potent, selective **norepinephrine (NE) transporter** inhibitor with K_i of 5 nM.

Atomoxetine shows weak affinity for 5-HT and dopamine transporters with IC₅₀ of 77 and 1,451 nM, respectively. Atomoxetine has been approved for the treatment of attention deficit hyperactivity disorder (ADHD).

References

Bymaster FP, et al. Neuropsychopharmacology. 2002 Nov;27(5):699-711.

Sauer JM, et al. Clin Pharmacokinet. 2005;44(6):571-90.

Passamonti L, et al. Psychopharmacology (Berl). 2017 Aug;234(15):2289-2297.

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

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