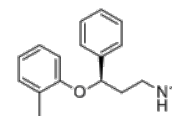


**Product Name** : Atomoxetine  
**Cat. No.** : PC-63052  
**CAS No.** : 83015-26-3  
**Molecular Formula** : C<sub>17</sub>H<sub>21</sub>NO  
**Molecular Weight** : 255.361  
**Target** : Monoamine Transporter  
**Solubility** : 10 mM in DMSO



## Biological Activity

Atomoxetine ((R)-Tomoxetine, LY-139603) is a potent, selective **norepinephrine** (NE) transporter inhibitor with K<sub>i</sub> of 5 nM. Atomoxetine shows weak affinity for 5-HT and dopamine transporters with IC<sub>50</sub> 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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