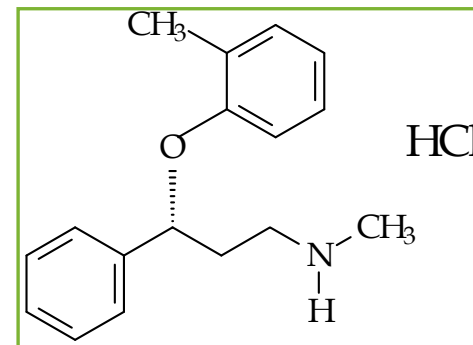


## Atomoxetine HCl

- Atomoxetine HCl is a white to practically white solid, which has a solubility of 27.8 mg/mL in water.
- The chemical designation is (-)-N-Methyl-3-phenyl-3-(o-tolyloxy)-propylamine hydrochloride.
- The precise mechanism by which atomoxetine produces its therapeutic effects in Attention-Deficit / Hyperactivity Disorder (ADHD) is unknown, but is thought to be related to selective inhibition of the pre-synaptic norepinephrine transporter, as determined in ex vivo uptake and neurotransmitter depletion studies.
- Its advantage over stimulants for the treatment of ADHD is that it has less abuse potential than stimulants, is not scheduled as a controlled substance and has proven to offer 24 hour coverage of symptoms associated with ADHD in adults and children.



CAS: [83015-26-3]  
Formula: C<sub>17</sub>H<sub>21</sub>NO·HCl  
M. Weight: 291.82