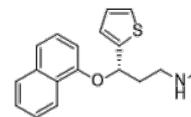


**Product Name** : Duloxetine  
**Cat. No.** : PC-26223  
**CAS No.** : 116539-59-4  
**Molecular Formula** : C<sub>18</sub>H<sub>19</sub>NOS  
**Molecular Weight** : 297.42  
**Target** : Monoamine Transporter  
**Solubility** : 10 mM in DMSO



## Biological Activity

Duloxetine (LY248686) is a potent serotonin-norepinephrine reuptake inhibitor (SNRI) with  $K_i$  of 4.6 nM, also inhibits voltage-dependent K<sup>+</sup> channels (Kv channels) with IC<sub>50</sub> of 4.95 μM for arterial Kv currents.

## References

De Berardis, D. et al. Int J Immunopathol Pharmacol, 2010. 23(2): p. 417-22.

Jeong J, et al. Eur J Pharmacol. 2025 Oct 15;1005:178110.

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

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