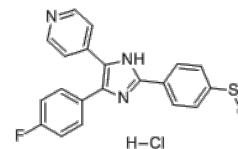


**Product Name** : Olodaterol hydrochloride  
**Cat. No.** : PC-36084  
**CAS No.** : 869477-96-3  
**Molecular Formula** : C<sub>21</sub>H<sub>17</sub>ClFN<sub>3</sub>OS  
**Molecular Weight** : 413.895  
**Target** : Adrenergic Receptor  
**Solubility** :



## Biological Activity

Olodaterol hydrochloride (BI1744 CL) is a potent, selective long-acting **β<sub>2</sub> adrenoceptor** agonist with EC<sub>50</sub> of 1.4 nM for hβ<sub>2</sub>; shows >250 fold selectivity over hβ<sub>1</sub>; exerts a bronchodilatory efficacy over 24 h in dogs and guinea pigs in the absence of systemic pharmacodynamic effects.

COPD

Phase 3 Clinical

## References

Bouyssou T, et al. *Bioorg Med Chem Lett*. 2010 Feb 15;20(4):1410-4.

Bouyssou T, et al. *J Pharmacol Exp Ther*. 2010 Jul;334(1):53-62.

Wex E, et al. *Br J Pharmacol*. 2015 Jul;172(14):3537-47.

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

E-mail: tech@probechem.com