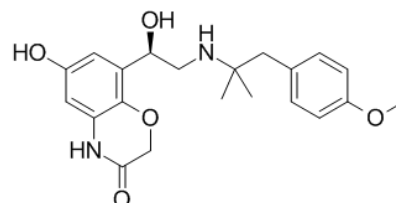


Product Name : Olodaterol
Cat. No. : PC-43903
CAS No. : 868049-49-4
Molecular Formula : C₂₁H₂₆N₂O₅
Molecular Weight : 386.4415
Target : Adrenergic Receptor
Solubility : H₂O: 6.2 mg/mL



Biological Activity

A potent, selective long-acting β_2 adrenoceptor agonist with EC₅₀ of 1.4 nM for h β_2 ; shows >250 fold selectivity over h β_1 ; 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, J Pharmacol Exp Ther. 2010 Jul;334(1):53-62. et al.

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!

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