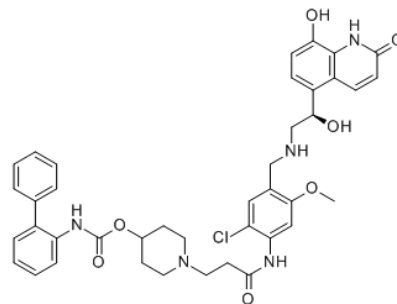


Product Name : Batefenterol
Cat. No. : PC-43305
CAS No. : 743461-65-6
Molecular Formula : C₄₀H₄₂ClN₅O₇
Molecular Weight : 740.2438
Target : mAChR
Solubility : DMSO: 10 mM



Biological Activity

Batefenterol (GSK961081, TD-5959) is a bifunctional M3 mAChR antagonist and β 2-adrenoceptor agonist (**MABA**) with pKi/pEC50 of 8.7/9.6 for hM3/h β 2 respectively.

Batefenterol shows weak effect on β 1.

Batefenterol is the first MABA compound to enter clinical trials and demonstrate proof of concept and efficacy in COPD.

References

Hughes AD, et al. *J Med Chem*. 2015 Mar 26;58(6):2609-22.

Ambery C, et al. *Drugs R D*. 2015 Sep;15(3):281-91.

Ambery C, et al. *Clin Pharmacol Drug Dev*. 2016 Sep;5(5):399-407.

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

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