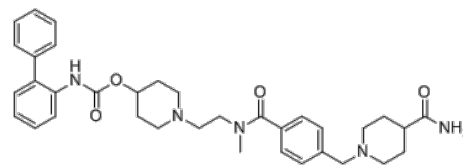


Product Name : Revefenacin
Cat. No. : PC-61043
CAS No. : 864750-70-9
Molecular Formula : C₃₅H₄₃N₅O₄
Molecular Weight : 597.76
Target : mAChR
Solubility : 10 mM in DMSO



Biological Activity

Revefenacin (TD4208, GSK 1160724) is a novel potent, long-acting, lung-selective inhaled muscarinic antagonist that has high affinity at **M3 receptor**, demonstrates in vitro kinetic selectivity for M3 over M2 and no meaningful off-target activity. Revefenacin produces sustained inhibition of acetylcholine-induced bronchoconstriction for up to 24 hours along with tiotropium and glycopyrronium. Revefenacin has the potential to be a long-acting bronchodilator for once-daily treatment of respiratory diseases.

References

- Pulido-Rios MT, et al. *J Pharmacol Exp Ther.* 2013 Aug;346(2):241-50.
Mastrodicasa MA, et al. *Expert Opin Investig Drugs.* 2017 Feb;26(2):161-174
Quinn D, et al. *Pulm Pharmacol Ther.* 2017 Oct 4. pii: S1094-5539(17)30119-0.

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

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