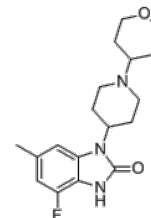


**Product Name** : GSK1034702  
**Cat. No.** : PC-35626  
**CAS No.** : 932373-87-0  
**Molecular Formula** : C<sub>18</sub>H<sub>24</sub>FN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 333.407  
**Target** : mAChR  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK1034702 (GSK-1034702) is a potent, allosteric **M1** receptor agonist, inhibits binding of [3H]-NMS (0.5 nM) to M1 mAChR with pKi of 6.5.

GSK1034702 improves memory encoding potentially by modulating hippocampal function.

## References

Nathan PJ, et al. Int J Neuropsychopharmacol. 2013 May;16(4):721-31.

Bradley SJ, et al. Mol Pharmacol. 2018 Jun;93(6):645-656.

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

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