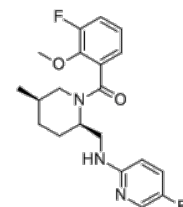


Product Name : GSK-1059865
Cat. No. : PC-60752
CAS No. : 1191044-58-2
Molecular Formula : C₂₀H₂₃BrFN₃O₂
Molecular Weight : 436.325
Target : Orexin Receptor
Solubility : 10 mM in DMSO



Biological Activity

GSK-1059865 is a highly potent, selective orexin-1 receptor (**OX1R**) antagonist with IC₅₀ of 5.0 and 6.4 nM for hOX1R and rOX1R, respectively.

GSK-1059865 displays >80-fold selectivity over OX2R.

GSK-1059865 robustly inhibits the response in fronto-hippocampal regions in rats.

GSK-1059865 significantly decreases ethanol drinking in a dose-dependent manner in CIE-exposed mice.

References

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Aluisio L, et al. Front Neurosci. 2014 May 20;8:107.

Bonaventure P, et al. J Pharmacol Exp Ther. 2015 Mar;352(3):590-601.

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

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