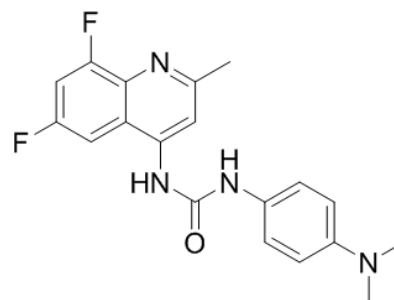


Product Name : SB-408124
Cat. No. : PC-45951
CAS No. : 288150-92-5
Molecular Formula : C₁₉H₁₈F₂N₄O
Molecular Weight : 356.3692
Target : Orexin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective OX1 receptor antagonist with K_i of 57 nM (whole cell assay), and 27 nM (cell membrane-based SPA assay); displays 50-fold selectivity over OX2 receptor; prevents the stimulatory effect of Olanzapine on endogenous glucose production.

References

- Langmead CJ, et al. Br J Pharmacol. 2004 Jan;141(2):340-6.
Malherbe P, et al. Mol Pharmacol. 2009 Sep;76(3):618-31.
Girault EM, et al. Brain Res. 2013 Aug 21;1527:238-45.

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

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