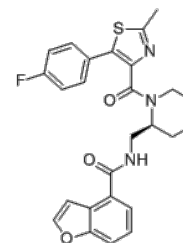


Product Name : SB-649868
Cat. No. : PC-60755
CAS No. : 380899-24-1
Molecular Formula : C₂₆H₂₄FN₃O₃S
Molecular Weight : 477.554
Target : Orexin Receptor
Solubility : 10 mM in DMSO



Biological Activity

SB-649868 is a potent, selective, orally bioavailable, dual orexin **OX1/OX2R** antagonist with pKi of 9.4 and 9.5 respectively. SB-649868 displays >1,000-fold selectivity for the orexin target receptors in a broad panel of GPCRs, ion channels and enzymes. SB-649868 demonstrates high effectivity in pre-clinical model of sleep disorders

References

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Bettica P, et al .Neuropsychopharmacology. 2012 Apr;37(5):1224-33.
Piccoli L, et al. Neuropsychopharmacology. 2012 Aug;37(9):1999-2011.
Di Fabio R, et al. Bioorg Med Chem Lett. 2011 Sep 15;21(18):5562-7.

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

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