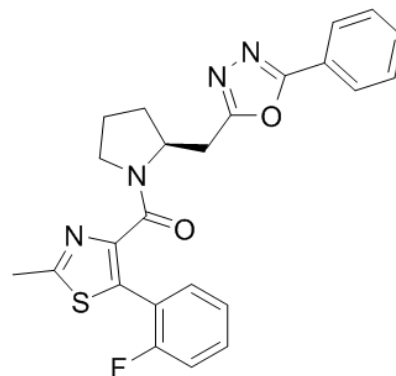


Product Name : SB-674042
Cat. No. : PC-42732
CAS No. : 483313-22-0
Molecular Formula : C₂₄H₂₁N₄O₂S
Molecular Weight : 448.5125
Target : Orexin Receptor
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A potent, selective nonpeptide Orexin 1 receptor antagonist with K_i of 26.9 nM in the membrane SPA format, and K_i of 57 nM in the whole-cell assay; displays 50-fold selectivity over OX2; [³H]-SB-674042 is a specific, high-affinity radioligand for the OX1 receptor.

References

- Langmead CJ, et al. Br J Pharmacol. 2004 Jan;141(2):340-6.
Malherbe P, et al. Mol Pharmacol. 2010 Jul;78(1):81-93.

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

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