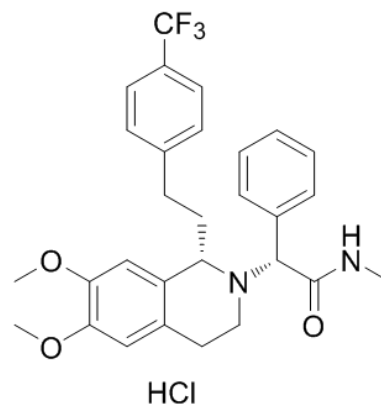


Product Name : Almorexant hydrochloride
Cat. No. : PC-42705
CAS No. : 913358-93-7
Molecular Formula : C₂₉H₃₂ClF₃N₂O₃
Molecular Weight : 549.0242
Target : Orexin Receptor
Solubility : DMSO: ≥ 46 mg/mL



Biological Activity

A dual Orexin receptor OX1/OX2 antagonist with K_i of 1.3/0.17 nM for hOX1/hOX2 respectively; selectively inhibits the functional consequences of OX1 and OX2 receptor activation, such as intracellular Ca²⁺ mobilization.

Sleep Disorder

Phase 3 Discontinued

References

Malherbe P, et al. Mol Pharmacol. 2009 Sep;76(3):618-31.

Malherbe P, et al. Mol Pharmacol. 2010 Jul;78(1):81-93.

Li A, et al. J Physiol. 2010 Aug 1;588(Pt 15):2935-44.

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

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