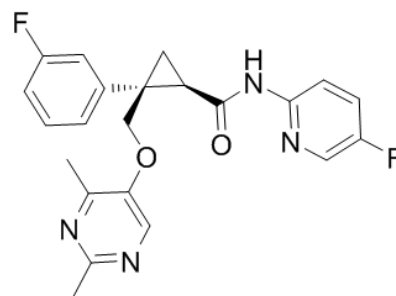


Product Name : Lemborexant
Cat. No. : PC-45062
CAS No. : 1369764-02-2
Molecular Formula : C₂₂H₂₀F₂N₄O₂
Molecular Weight : 410.4166
Target : Orexin Receptor
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

An orally active, potent, selective, dual Orexin receptor OX1/2 antagonist with binding K_i of 6/3 nM, respectively; exhibits an overall improvement in properties such as the TDI of CYP3A and aqueous solubility, high OXRs antagonist activity and sufficient brain penetration; demonstrates high efficacy in preclinical sleep experiments.

Sleep Disorder
Phase 3 Clinical

References

Yoshida Y, et al. J Med Chem. 2015 Jun 11;58(11):4648-64.

Beuckmann CT, et al. J Pharmacol Exp Ther. 2017 Aug;362(2):287-295.

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

E-mail: tech@probechem.com