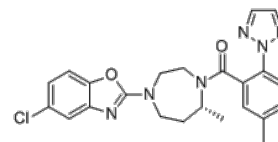


Product Name : Suvorexant
Cat. No. : PC-60062
CAS No. : 1030377-33-3
Molecular Formula : C₂₃H₂₃ClN₆O₂
Molecular Weight : 450.92
Target : Orexin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Suvorexant (MK-4305, MK4305) is a potent, CNS penetrant, orally available, dual **orexin receptor** antagonist with K_i of 0.55 and 0.35 nM for OX1R and OX2R, respectively.

Suvorexant significantly and dose-dependently reduces locomotor activity and promotes sleep in rats.

References

- Cox CD, et al. *J Med Chem.* 2010 Jul 22;53(14):5320-32.
Winrow CJ, et al. *J Neurogenet.* 2011 Mar;25(1-2):52-61.
Sun H, et al. *Sleep.* 2013 Feb 1;36(2):259-67.
Hopkins CR. *ACS Chem Neurosci.* 2012 Sep 19;3(9):647-8.

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

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