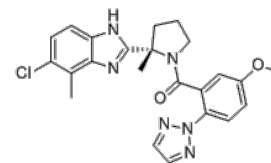


Product Name : ACT-541468
Cat. No. : PC-60727
CAS No. : 1505484-82-1
Molecular Formula : C₂₃H₂₃ClN₆O₂
Molecular Weight : 450.927
Target : Orexin Receptor
Solubility : 10 mM in DMSO



Biological Activity

ACT-541468 (Nemorexant) is a potent, selective, dual **orexin receptor 1 and 2 (OX1 and OX2)** antagonist with K_b of 0.52 and 0.78 nM, respectively.

ACT-541468 displays high selectivity over a panel of 130 central and peripheral pharmacological targets.

ACT-541468 shows potential for treatment of insomnia disorder.

References

Treiber A, et al. *J Pharmacol Exp Ther.* 2017 Sep;362(3):489-503.

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

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