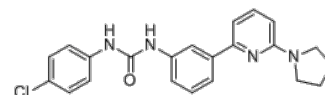


Product Name : PSNCBAM-1
Cat. No. : PC-72731
CAS No. : 877202-74-9
Molecular Formula : C₂₂H₂₁ClN₄O
Molecular Weight : 392.887
Target : Cannabinoid Receptor
Solubility :



Biological Activity

PSNCBAM-1 is an allosteric antagonist of CB1 receptor with IC₅₀ of 22.5 nM in Ca²⁺ assays, inhibits [³H]CP55,940 binding with EC₅₀ of 167 nM. PSNCBAM-1 does not affect CB2 receptors.

PSNCBAM-1 blocked the effects induced by agonists such as CP55,940, WIN55212-2, anandamide (AEA) or 2-arachidonoyl glycerol (2-AG) in CB1 receptor yeast reporter assays.

PSNCBAM-1 decreased food intake and body weight in an acute rat feeding model.

References

Horswill JG, Br J Pharmacol. 2007 Nov;152(5):805-14.

Wang X, et al. Mol Pharmacol. 2011 Apr;79(4):758-67.

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

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