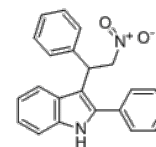


Product Name : GAT211
Cat. No. : PC-35485
CAS No. : 102704-40-5
Molecular Formula : C₂₂H₁₈N₂O₂
Molecular Weight : 342.4
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



Biological Activity

GAT-211 (GAT211) is a selective cannabinoid 1 receptor (**CB1R**) positive allosteric modulator with pK_b of 7.26, Arrestin2 EC₅₀ of 775 nM.

GAT-211 engages CB1R allosteric site(s), enhances the binding of the orthosteric full agonist [3H]CP55,490, and reduces the binding of the orthosteric antagonist/inverse agonist [3H]SR141716A.

GAT-211 displayed both PAM and agonist activity in HEK293A and Neuro2a cells expressing human recombinant CB1R (hCB1R) and in mouse-brain membranes rich in native CB1R.

References

Laprairie RB, et al. *ACS Chem Neurosci*. 2017 Jun 21;8(6):1188-1203.

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

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