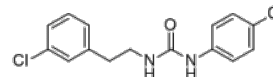


Product Name : RTICBM-189
Cat. No. : PC-72730
CAS No. : 551909-15-0
Molecular Formula : C₁₅H₁₄Cl₂N₂O
Molecular Weight : 309.19
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



Biological Activity

RTICBM-189 is a potent, selective, brain-penetrant **CB1 negative allosteric modulator (NAM)** with pIC₅₀ of 7.54 in Ca²⁺ assay, 5.29 in GTPγS assay.

RTICBM-189 shows no activity at >50 protein targets and excellent brain permeation but relatively low metabolic stability in rat liver microsomes.

RTICBM-189 (10 mg/kg, i.p.) significantly and selectively attenuated the reinstatement of the cocaine-seeking behavior in rats without affecting locomotion.

References

Nguyen T, et al. *J Med Chem.* 2022 Jan 13;65(1):257-270.

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

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