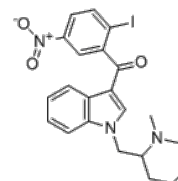


Product Name : AM1241
Cat. No. : PC-60729
CAS No. : 444912-48-5
Molecular Formula : C₂₂H₂₂IN₃O₃
Molecular Weight : 503.3
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



Biological Activity

AM1241 is a potent, selective cannabinoid receptor **CB2** agonist with K_i of 7.1 nM, >80-fold selectivity over CB1 receptors in radioligand binding assay.

AM1241 suppresses spinal fos protein expression and pain behavior in a rat model of inflammation.

AM1241 dose-dependently reversed tactile and thermal hypersensitivity produced by ligation of the L5 and L6 spinal nerves in rats.

References

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Nackley AG, et al. *Neuroscience*. 2003;119(3):747-57.

Yao BB, et al. *Br J Pharmacol*. 2006 Sep;149(2):145-54.

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

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