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Effects of cannabinoid type 2 receptor agonist AM1241 on morphine-induced antinociception, acute and chronic tolerance, and dependence in mice

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Highlights

- Pretreatment with AM1241 increased morphine antinociception and reduced tolerance
- Co-administration of AM1241 and morphine attenuated morphine physical dependence
- Combination of AM1241 with morphine did not inhibit spontaneous locomotor activity
- Pretreatment with AM1241 reduced chronic morphine-induced CB2 receptor expression
- Pretreatment with AM1241 reduced Iba1 expression and reduced release of cytokines

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