

Data Sheet

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 Product Name
 : JTE907

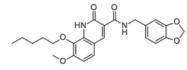
 Cat. No.
 : PC-60763

 CAS No.
 : 282089-49-0

 Molecular Formula
 : C24H26N2O6

 Molecular Weight
 : 438.48

Target : Cannabinoid Receptor Solubility : 10 mM in DMSO



Biological Activity

JTE907 (JTE-907) is a potent, selective, orally active cannabinoid **CB2** receptor inverse agonist with Ki of 35.9, 1.55 and 0.38 nM for human, mouse and rat CB2, respectively.

JTE907 increases of forskolin-stimulated cAMP production in CHO cells expressing CB2 in vitro, inhibits carrageenin-induced mouse paw edema dose dependently in mice.

References

Iwamura H, et al. J Pharmacol Exp Ther. 2001 Feb;296(2):420-5.

Ueda Y, et al. Eur J Pharmacol. 2005 Sep 27;520(1-3):164-71.

Maekawa T, et al. Eur J Pharmacol. 2006 Aug 7;542(1-3):179-83.

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

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