

Product Name	: JTE907
Synonyms	: JTE-907; JTE 907
Cat No.	: M13857
CAS Number	: 282089-49-0
Molecular Formula	: C ₂₄ H ₂₆ N ₂ O ₆
Formula Weight	: 438.48
Chemical Name	: N-(1,3-Benzodioxol-5-ylmethyl)-1,2-dihydro-7-methoxy-2-oxo-8-(pentyloxy)-3-quinolinecarboxamide
Description	: A potent, selective, orally active cannabinoid CB2 receptor inverse agonist with K _i of 35.9, 1.55 and 0.38 nM for human, mouse and rat CB2, respectively; increases of forskolin-stimulated cAMP production in CHO cells expressing CB2 in vitro, inhibits carrageenin-induced mouse paw edema dose dependently in mice.
Pathway	: GPCR/G Protein
Target	: Cannabinoid Receptor
Receptor	: Cannabinoid Receptor
Solubility	: —
SMILES	: <chem>O=C(C1=CC2=C(C(NC1=O)C(OCCCCC)=C(OC)C=C2)NCC3=CC=C(OCO4)C4=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Iwamura H, et al. J Pharmacol Exp Ther. 2001 Feb;296(2):420-5. | 2. Ueda Y, et al. Eur J Pharmacol. 2005 Sep 27;520(1-3):164-71. | 3. Maekawa T, et al. Eur J Pharmacol. 2006 Aug 7;542(1-3):179-83.

