LKT Laboratories, Inc.

JTE907

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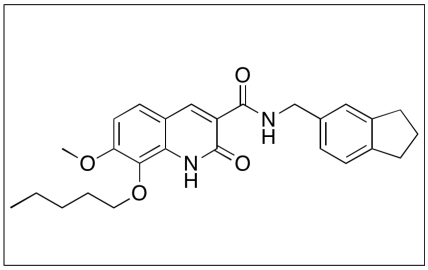
Product Information

Product ID J766160
CAS No. 282089-49-0
Chemical Name N-(1,3-benzodioxol-5-ylmethyl)-1,2-dihydro-7-methoxy-2-oxo-8-(pentyloxy)-3-Quinolinecarboxamide
Synonym JTE-907, JTE 907



Formula $C_{24}H_{26}N_2O_6$
Formula Wt. 438.48
Melting Point
Purity ≥98%
Solubility Soluble in DMSO (100 mM), and ethanol (10 mM).

Bulk quanitites available upon request

Product ID	Size
J766160	1 mg
J766160	5 mg
J766160	25 mg

Store Temp -20˚C
Ship Temp Ambient
Description JTE907 is a selective inverse-agonist of cannabinoid receptor 2 (CB2). It shows an antiedema effect in a carageenin-induced mouse paw model. Recently, it was used in a study to measure the effects of CB2 interactors with immune response to vaccines in mice. JTE907 enhanced immune response in a murine model.

References Dotsey E, Ushach I, Pone E et al. Transient Cannabinoid Receptor 2 Blockade during Immunization Heightens Intensity and Breadth of Antigen-specific Antibody Responses in Young and Aged mice. Sci Rep. 2017 Feb 17;7:42584. PMID: 28209996.

Iwamura H, Suzuki H, Ueda Y et al. In vitro and in vivo pharmacological characterization of JTE-907, a novel selective ligand for cannabinoid CB2 receptor. J Pharmacol Exp Ther. 2001 Feb;296(2):420-5. PMID: 11160626.