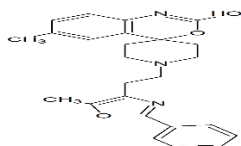


RS-504393

ALTERNATE NAME: 6-Methyl-1'-[2-(5-methyl-2-phenyl-4-oxazolyl)ethyl]-spiro[4H-3,1-benzoxazine-4,4'-piperidin]-2(1H)-one

CATALOG #: B2406-5 5 mg
B2406-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₂₇N₃O₃

MOLECULAR WEIGHT: 417.5

CAS NUMBER: 300816-15-3

APPEARANCE: Off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: 4 mg/ml DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: RS-504393 is a selective CCR2 chemokine receptor antagonist (IC₅₀ values are 98 nM and > 100 μM for inhibition of human recombinant CCR2 and CCR1 receptors respectively). Inhibits MCP-1 chemotaxis (IC₅₀ = 330 nM) and ischemia-reperfusion injury in kidneys.

REFERENCES: Mirzadeagan, T., et al. (2000). J. Biol. Chem. 275, 25562-25571

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

CCR1 Antibody (3414)
CCR2 Antibody (3415R)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*