

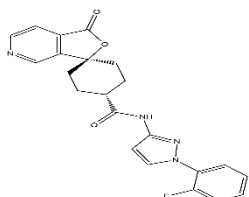
MK-0557

ALTERNATE NAME: trans-N-[1-(2-fluorophenyl)-1H-pyrazol-3-yl]-1'-oxo-spiro[cyclohexane-1,3'(1'H)-furo[3,4-c]pyridine]-4-carboxamide

CATALOG #: B2317-5
B2317-25

AMOUNT: 5 mg
25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₉FN₄O₃

MOLECULAR WEIGHT: 406.4

CAS NUMBER: 328232-95-7

APPEARANCE: Crystalline solid

FORMULATION: N/A

PURITY: ≥98%

STORAGE: Store at -20°C. Protect from air and light

SOLUBILITY: ~3 mg/ml (DMSO)

REFERENCES: Erondou, N., et al. (2006). Cell Metab. 4, 275-282.

DESCRIPTION: A potent and selective antagonist of the neuropeptide Y (NPY) receptor Y5. It is >7,500-fold selective for Y5 over other receptors and lacks activity in a panel of 180 receptors, enzymes, and ion channels at concentrations up to 1 μM. In vivo, MK-0557 (30 mg/kg) reduces body weight gain in wild-type and diet-induced obese mice. It also reduces retroperitoneal fat pad weight, epididymal and mesenteric fat pad weights, leptin levels, and food intake in lean mice fed a high-fat diet.

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

RELATED PRODUCTS:

JNJ-31020028 (9648)
PYY3-36 Antibody (Clone RPY-B12) (3107)

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