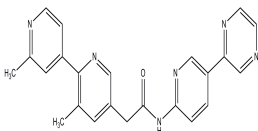


Product: LGK974**ALTERNATE NAME:** 2-(2',3-dimethyl-[2,4'-bipyridin]-5-yl)-N-(5-(pyrazin-2-yl)pyridin-2-yl)acetamide**CATALOG #:** 2645-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₂₀N₆O**MOLECULAR WEIGHT:** 396.44**CAS NUMBER:** 1243244-14-5**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~35 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** LGK-974 is a potent and specific inhibitor of Porcupine (porcn), a Wnt-specific acyltransferase (IC₅₀ = ~0.4 nM). LGK974 potently inhibits Wnt signaling, has strong efficacy in rodent tumor models, and is well-tolerated. In addition, head and neck cancer cell lines with loss-of-function mutations in the Notch signaling pathway have a high response rate to LGK974.**REFERENCE:** Liu, J., *et al.* (2013). *Proc. Natl. Acad. Sci. USA* **110**, 20224-20229.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

CRT Inhibitor, iCRT5 (Cat. No. 1896-5, 25)

ICG-001 (Cat. No. 2275-5, 25)

IQ-1 (Cat. No. 1663-1)

IWP-3 (Cat. No. 2349-1, 5)

IWP-2 (Cat. No. 1962-5, 25)

JW55 (Cat. No. 2612-5, 25)

KY02111 (Cat. No. 2264-5, 25)

QS-11 (Cat. No. 1680-5)

Wnt antagonist, C59 (Cat. No. 2063-1, 5)

Wnt-1 Antibody (Cat. No. 3571-100)

Wnt-1 Antibody (Cat. No. 5754-100)

Wnt-1, human recombinant (Cat. No. 4754-10, 5-0, 1000)

Wnt-2 Antibody (Cat. No. 3572R-100)

Wnt-4 Antibody (Cat. No. 3574R-100)

Wnt-6 Antibody (Cat. No. 3570-100)

XAV939 (Cat. No. 1727-1)

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