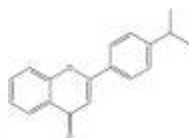


PRODUCT: MN64**RELATED PRODUCTS:****ALTERNATE NAME:** 2-[4-(1-methylethyl)phenyl]-4H-1-benzopyran-4-one

JW55 (2612)

XAV939 (1727)

CATALOG #: B1127-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₁₆O₂**MOLECULAR WEIGHT:** 264.32**CAS NUMBER:** 92831-11-3**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (>20 mg/ml) or EtOH (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** MN64 is a potent and selective tanycrase (TNKS) inhibitor (IC₅₀ values of 6 and 72 nM for TNKS1 and TNKS2 respectively). It has no effect on PARP-1 or PARP-2 (IC₅₀ > 19 μM). Through its effects on TNKS, MN-64 inhibits signaling along the Wnt/β-catenin pathway in a cell-based reporter assay.**REFERENCES:** Narwal, M., *et al.* (2013). *J. Med. Chem.* **56**, 7880-7889.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**