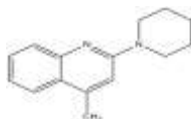


PRODUCT: ML-204**ALTERNATE NAME:** 4-Methyl-2-(1-piperidinyl)quinoline**CATALOG #:** 9448-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₈N₂**MOLECULAR WEIGHT:** 226.32**CAS NUMBER:** 5465-86-1**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** ML-204 is a selective blocker of TRPC4 channels. Displays 19-fold selectivity against TRPC6 and 9-fold selectivity against TRPC5; shows no significant activity at TRPV1, TRPV3, TRPA1 and TRPM8 channels even at concentrations up to 22 μM.**REFERENCES:** Miller, M., *et al.* (2011). *J. Biol. Chem.* **286**, 33436-33446.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Amlodipine besylate (Cat. No. 2378-50, 250)

2-APB (Cat. No. 1798-100)

Calcitriol (Cat. No. 1880-50, 250)

Dantrolene sodium (Cat. No. 2491-100, 500)

Felodipine (Cat. No. 2399-10, 50)

GV-58 (Cat. No. 2616-1, 5)

Pamidronate disodium (Cat. No. 1884-50, 250)

Ruthenium Red (Cat. No. 2490-50, 250)

Ryanodine (Cat. No. 2489-500, 1000)

Thapsigargin (Cat. No. 1558-1)

Verapamil Hydrochloride (Cat. No. 2861-1G, 5G)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**