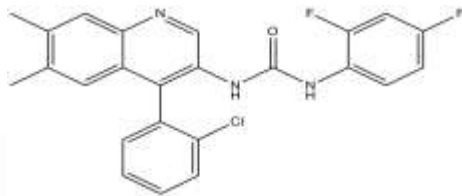


PRODUCT: TMP-153**ALTERNATE NAME:** N-[4-(2-chlorophenyl)-6,7-dimethyl-3-quinoliny]-N'-(2,4-difluorophenyl)-urea**CATALOG #:** B1181-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₄H₁₈ClF₂N₃O**MOLECULAR WEIGHT:** 437.88**CAS NUMBER:** 128831-46-9**APPEARANCE:** White Solid**SOLUBILITY:** DMSO (>25 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** TMP-153 is a selective inhibitor of acyl-CoA:cholesterol acyltransferase (ACAT) with IC₅₀ of 5 to 10 nM. It has potency to inhibit cholesterol esterification and reduces its influx into the plasma of rats and hamsters. TMP-153 is shown toxicity to prion infected neuronal (ScGT1) cells. It might have potential to increase caspase-3 activity and prostaglandin E2 production in ScGT1 Cells.**REFERENCES:** Sugiyama, Y., *et al.* (1995). *Atherosclerosis* **118**, 145-153.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Avasimibe (**9506**)Pellitorine (**2503**)Terpendole C (**2214**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**