PRODUCT: **TMP-153**

ALTERNATE NAME: N-[4-(2-chlorophenyl)-6,7-dimethyl-3-quinolinyl]-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 (ScG1T1) cells. It might have potential to increase caspase-3 activity and prostaglandin E2 production in ScG1T1 Cells.


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

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