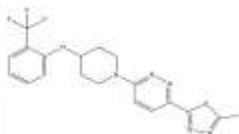


PRODUCT: MF-438**ALTERNATE NAME:** 2-methyl-5-(6-(4-(2-(trifluoromethyl)phenoxy)piperidin-1-yl)pyridazin-3-yl)-1,3,4-thiadiazole**CATALOG #:** B1178-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₈F₃N₅OS**MOLECULAR WEIGHT:** 421.44**CAS NUMBER:** 921605-87-0**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (~ 5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** MF-438 is a potent, cell-permeable inhibitor of Stearoyl-CoA Desaturase 1 (SCD1) with an IC₅₀ of 2.3 nM.**REFERENCES:** Leger, S., *et al.* (2010). *Bioorg Med Chem Lett.* **2**, 499-502**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

MF-438 (B1178)

SCD1 Inhibitor (1816)

EZSolution™ SCD1 Inhibitor (2548)

PluriSln1 (2471)

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