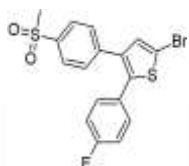


PRODUCT: DuP-697**ALTERNATE NAME:** 5-bromo-2-(4-fluorophenyl)-3-(4-(methylsulfonyl)phenyl)-thiophene**CATALOG #:** B1517-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₂BrFO₂S₂**MOLECULAR WEIGHT:** 411.3**CAS NUMBER:** 88149-94-4**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** DuP-697 is a potent and selective inhibitor of cyclooxygenase-2 (IC₅₀ values are 10 and 800 nM for COX-2 and COX-1 respectively). Inhibits prostaglandin synthesis and is anti-inflammatory *in vivo*.**REFERENCES:** Gans, K.R., *et al.* (1990). *J. Pharmacol. Exp. Ther.* **254**, 180-187.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Celecoxib (**Cat. No. 1574**)COX-2 Inhibitor Screening Kit (**K547**)6-Gingerol (**Cat. No. 2507**)Loganin (**Cat. No. B1161**)Nimesulfide (**Cat. No. 2777**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**