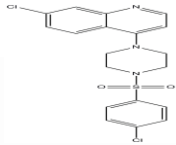


PRODUCT: KM-11060**ALTERNATE NAME:** 7-Chloro-4-[4-[4-chlorophenyl)sulfonyl]-1-piperazinyl]quinoline**CATALOG #:** B1076-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₇Cl₂N₃O₂S**MOLECULAR WEIGHT:** 422.33**CAS NUMBER:** 774549-97-2**APPEARANCE:** Off-white Solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.**DESCRIPTION:** KM-11060 is a mutated F508del cystic fibrosis transmembrane conductance regulator (CFTR) corrector. It increases the amount of functional CFTR at the plasma membrane (~75%) and inhibits PDE5 (phosphodiesterase type 5) activity.**REFERENCES:** Robert, R., *et al.* (2008). *Mol. Pharmacol.* **73**, 478-489.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**CFTR Inhibitor-172 (**2487**)CFTR Inhibitor GlyH-101 (**2863**)Lonidamine (**B1058**)VX-809 (**2857**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**