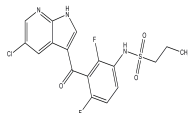


PRODUCT: PLX-4720**ALTERNATE NAME:** N-[3-(5-chloro-1H-pyrrolo[2,3-b]pyridine-3-carbonyl)-2,4-difluorophenyl]propane-1-sulfonamide**CATALOG #:** 2813-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₄ClF₂N₃O₃S**MOLECULAR WEIGHT:** 413.83**CAS NUMBER:** 918505-84-7**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>80 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** PLX-4720 is a potent, ATP-competitive B-raf inhibitor (IC₅₀ =160 nM). PLX-4720 preferentially inhibits the active B-Raf(V600E) kinase compared with a broad spectrum of other kinases, and potent cytotoxic effects are also exclusive to cells bearing the V600E allele.**REFERENCES:** Tsai, J., *et al.* (2008). *Proc. Natl. Acad. Sci. USA* **105**, 3041-3046.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Gossypin (Cat. No. 2374-50, 250)

GSK-2118436 mesylate (Cat. No. 2800-5, 25)

GW-5074 (Cat. No. 2412-5, 25)

PLX-4032 (Cat. No. 2235-5, 25)

B-Raf Inhibitor I (Cat. No. 2599-5, 25)

TAK-632 (Cat. No. 2473-5, 25)

ZM 336372 (Cat. No. 1789-1, 5)

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