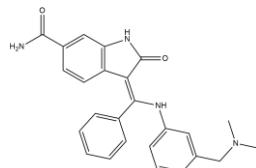


PRODUCT: BIX01288**ALTERNATE NAMES:** BIX-02188, BIX 02188**CATALOG #:** B1328-5, -25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₂₄N₄O₂**MOLECULAR WEIGHT:** 412.493**CAS NUMBER:** 334949-59-6 (or 1094614-84-2)**APPEARANCE:** Solid powder**SOLUBILITY:** Soluble in DMSO, not in water; DMSO (>45 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light.**DESCRIPTION:** BIX02188 is a potent inhibitor of MEK5 (IC₅₀ = 4.3 nM) with reduced activity towards inhibition of ERK5 and TGF β R1 (IC₅₀s = 810 and 1,800 nM, respectively). Inhibition of MEK5 by BIX02188 induces apoptosis in cells expressing the oncogenic mutant FLT3-ITD.**REFERENCES:**

1. Wang CG et al., Pain Physician. 2015 Nov;18(6):E1073-81.
2. Chen Y et al., 2015 Jun;40(3):173-9.
3. Liang W et al., Biochem Biophys Res Commun. 2014 Jul 11;449(4):466-70.
4. Badshah II et al., Front Pharmacol. 2014 Apr 21;5:71.

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

- BIX02189 (Cat# 2670)

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