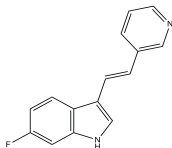


RELATED PRODUCTS:**PRODUCT: 680C91****ALTERNATE NAME:** 6-Fluoro-3-[(1E)-2-(3-pyridinyl)ethenyl]-1H-indole**CATALOG #:** 2292-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₁FN₂**MOLECULAR WEIGHT:** 238.26**CAS NUMBER:** 163239-22-3**APPEARANCE:** Light brown solid**SOLUBILITY:** DMSO (~25 mg/ml) or Ethanol (~10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** At -20°C. Protect from air and moisture**DESCRIPTION:**

Cell-permeable. A potent and selective inhibitor of tryptophan 2,3-dioxygenase (TDO, K_i = 51 nM). Tryptophan is metabolized to the endogenous AHR ligand by TDO which may be inhibited by 680C91. Active *in vivo*.

REFERENCE: Opitz, C.A., *et al.* (2011). *Nature* **278**, 197; Salter, M., *et al.* (1995). *Biochem. Pharmacol.* **49**, 1435-1442.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:**

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