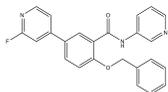


PRODUCT: GSK2578215A**RELATED PRODUCTS:**
HG-10-012-01 (Cat. No. 2604-5, 25)**ALTERNATE NAME:** 5-(2-Fluoro-4-pyridinyl)-2-(phenylmethoxy)-N-3-pyridinylbenzamide**CATALOG #:** 2845-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₄H₁₈FN₃O₂**MOLECULAR WEIGHT:** 399.42**CAS NUMBER:** 1285515-21-0**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** GSK2578215A is a potent and highly selective leucine-rich repeat kinase 2 (LRRK2) inhibitor (IC₅₀ values are 8.9 and 10.1 nM for LRRK2[G2019S] mutant and wild-type LRRK2 respectively). Shows selectivity for LRRK2 against a panel of 460 other kinases. GSK2578215A displays good blood-brain barrier (BBB) permeability with a high ratio of brain to plasma distribution in mice.**REFERENCES:** Reith, A.D., *et al.* (2012). *Bioorg. Med. Chem. Lett.* **22**, 5625-5629.**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**