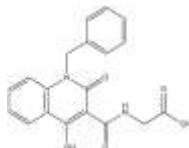


PRODUCT: IOX2**ALTERNATE NAME:** N-[[1,2-Dihydro-4-hydroxy-2-oxo-1-(phenylmethyl)-3-quinolinyl]carbonyl]glycine**CATALOG #:** 9451-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₆N₂O₅**MOLECULAR WEIGHT:** 352.34**CAS NUMBER:** 931398-72-0**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** IOX-2 is a potent, cell-permeable and selective inhibitor of HIF-1α prolyl hydroxylase-2 (PHD2) (IC₅₀ = 21 nM). It displays over 100-fold selectivity for PHD2 over factor inhibiting HIF-1 (FIH-1) and histone demethylases JMJD2A, JMJD2C, JMJD2E and JMJD3.**REFERENCES:** Murray, J.K., *et al.* (2010). *J. Comb. Chem.* **12**, 676-686.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**GSK-J4 hydrochloride (**Cat. No. 2259-1, 5**)GSK-J1 sodium (**Cat. No. 2260-1, 5**)IOX1 (**Cat. No. 2266-5, 25**)β-Lapachone (**Cat. No. 2262-5, 25**)Tranylcypromine hemisulfate (**Cat. No. 1816-25, 100**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**