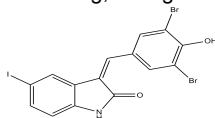


**PRODUCT: GW-5074****ALTERNATE NAME:** 3-(3,5-Dibromo-4-hydroxybenzylidene)-5-iodo-1,3-dihydroindol-2-one**CATALOG #:** 2412-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>8</sub>Br<sub>2</sub>I NO<sub>2</sub>**MOLECULAR WEIGHT:** 520.95**CAS NUMBER:** 220904-83-6**APPEARANCE:** Dark orange solid**SOLUBILITY:** DMSO (~50 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** At -20° C. Protect from light and air**DESCRIPTION:** Cell-permeable. A potent inhibitor of cRAF1 kinase (IC<sub>50</sub> = 9 nM). Displays 100-fold selectivity for cRAF1 over CDK1, CDK2, c-src, ERK2, MEK, p38, Tie2, VEGFR2 and c-fm. Displays neuroprotective effects in vivo via a mechanism that is independent of MEK, ERK, and Akt signaling.**REFERENCE:** Lackey, K., *et al.* (2000). *Bioorg. Med. Chem. Lett.* 10, 223-226.**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)

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

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

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