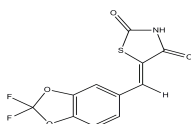


**PRODUCT: AS 604850****ALTERNATE NAME:** 5-(2,2-Difluoro-benzo[1,3]dioxol-5-ylmethylene)-thiazolidine-2,4-dione**CATALOG #:** 2339-1,5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>11</sub>H<sub>5</sub>F<sub>2</sub>NO<sub>4</sub>S**MOLECULAR WEIGHT:** 285.22**CAS NUMBER:** 648449-76-7**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (50 mg/ml) or Ethanol (5 mg/ml)**PURITY:** ≥98% HPLC**STORAGE:** At -20° C. Protect from air and moisture**DESCRIPTION:** Cell-permeable. A selective, ATP-competitive inhibitor of PI3Kγ with IC<sub>50</sub> values of 0.25, >20, >20, and 4.5 μM for the human recombinant γ, δ, β, and α isoforms, respectively. AS 604850 inhibits MCP-1-mediated monocyte chemotaxis with an IC<sub>50</sub> value of 21 μM and reduces RANTES-induced peritoneal neutrophil recruitment in a murine model of leukocyte chemotaxis with an ED<sub>50</sub> value of 42.4 mg/kg.**REFERENCES:** Bilancio, A., *et al.* (2006). *Blood* **107**, 642-650; Camps, M., *et al.* (2005). *Nat. Med.* (2005). **11**, 936-943.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)

GDC-0941 bismesylate (Cat. No. 1623-1, 5)

Deforolimus (Cat. No. 1587-5, 25)

DiscoveryPak™ PI 3-Kinase Inhibitor Panel (Cat. No. K856-5)

GDC-0941 (Cat. No. 1623-1,5)

IC87114 (Cat. No. 1661-1)

LY 294002 (Cat. No. 1667-5, 25)

mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)

PI-103 (Cat. No. 1728-1,5)

PI3-Kγ Inhibitor, AS-605240 (Cat. No. 1780-1,5)

PathwayReady™ PI3-K/Akt/mTOR Signaling Inhibitor panel (Cat. No. K857-11)

PP242 (Cat. No. 1658-1)

PX-866 (Cat. No. 1965-1, 5)

Rapamycin (Cat. No. 1568-5, 50)

Temsilolimus (Cat. No. 1600-5, 25)

TGX-115 (Cat. No. 1660-1)

TGX-221 (Cat. No. 1781-1,5)

Wortmannin (Cat. No. 1670-1)

YM201636 (Cat. No. 2045-1, 5)

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