

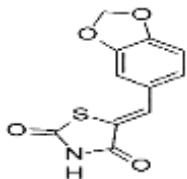
**PRODUCT: AS-041164**

**ALTERNATE NAME:** 5-(Benzo[1,3]dioxol-5-ylmethylene)-thiazolidine-2,4-dione; NSC31098

**CATALOG NUMBER:** B1870-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>11</sub>H<sub>7</sub>NO<sub>4</sub>S

**MOLECULAR WEIGHT:** 249.2

**CAS NUMBER:** 6318-41-8

**APPEARANCE:** Yellow solid

**SOLUBILITY:** DMSO (>35 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** AS-041164 is a potent, ATP-competitive, and isoform-selective PI3-Kinase inhibitor (IC<sub>50</sub> = 0.07, 0.24, 1.45, and 1.70 μM for the γ, α, β, and δ isoforms respectively).

**REFERENCES:** Ferrandi, C., *et al.* (2007). *J. Pharmacol. Exp. Ther.* **322**, 923-930.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

APY-0201 (Cat. No. 9564-5,25)

AS-604850 (Cat. No. 2339-1, 5)

BAG956 (Cat.No. 2456-5, 25)

BAY 80-6946 (Cat. No. B1267-5,25)

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

CAL-101 (Cat. No. 2613-5, 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)

GSK-263771 (Cat. No. 2793-5, 25)

IC87114 (Cat. No. 1661-1)

IPI-145 (Cat. No. 2445-5, 25)

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

NVP-BKM120 (Cat. No. 2619-5, 25)

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

OSU-03012, hydrochloride (Cat. No. 2295-5, 25)

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

PIK-294 (Cat. No. 2614-5, 25)

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)

SAR260301 (Cat. No. B1263-5,25)

Temsirolimus (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)

XL147 (Cat. No. 9401-5, 25)

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