

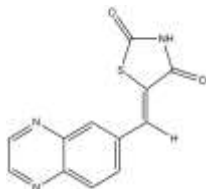
PI3-K γ Inhibitor, AS-605240

ALTERNATE NAME: 5-(6-Quinoxalinylmethylene)-2,4-thiazolidine-2,4-dione

CATALOG #: 1780-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₂H₇N₃O₂S

MOLECULAR WEIGHT: 257.27

CAS NUMBER: 648450-29-7

APPEARANCE: Pink to reddish solid

SOLUBILITY: DMSO (1 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. A potent and selective inhibitor of PI 3-kinase γ (PI3K γ) (IC₅₀ = 8 nM). Displays >33-fold selectivity over PI3K δ and PI3K β and 7.5-fold selectivity over PI3K α .

REFERENCE: Barber, D.F., *et al.* (2005). *Nat. Med.* **11**, 933-935; Camps, M., *et al.* (2005). *Nat. Med.* **11**, 936-943.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
- GDC-0941 bismesylate (Cat. No. 1623-1, 5)
- Deforolimus (Cat. No. 1587-5, 25)
- 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)
- PP242 (Cat. No. 1658-1)
- Rapamycin (Cat. No. 1568-5, 50)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- TGX-221 (Cat. No. 1781-1,5)
- Wortmannin (Cat. No. 1670-1)