

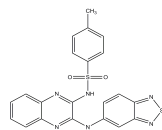
PRODUCT: XL-147 analog

ALTERNATE NAME: N-[3-(2,1,3-benzothiadiazol-5-ylamino)quinoxalin-2-yl]-4-methylbenzenesulfonamide; SAR245408; Pilaralisib analog

CATALOG #: 9401-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₆N₆O₂S₂

MOLECULAR WEIGHT: 448.52

CAS NUMBER: 956958-53-5

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~ 3 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: XL-147 analog is an ATP-competitive, highly selective, and reversible pan-class I phosphoinositide 3-kinase (PI3K) inhibitor. It inhibits PI3K p110 α , - β , - γ , and - δ isoforms, with IC₅₀ values of 48, 617, 10, and 260 nmol/L, respectively, measured in biochemical assays. XL-147 displays antitumor activity.

REFERENCES: Shapiro, G.I., *et al.* (2014). *Clin. Cancer Res.* **20**, 233-245.

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

RELATED PRODUCTS:

AS-604850 (Cat. No. 2339-1, 5)
 BAG956 (Cat.No. 2456-5, 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-K γ 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)
 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)

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