

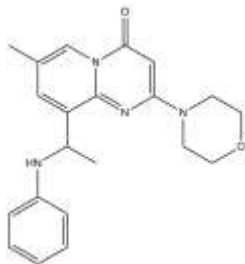
## TGX-221

**ALTERNATE NAME:** (±)-7-Methyl-2-(morpholin-4-yl)-9-(1-phenylaminoethyl)-pyrido[1,2-a]pyrimidin-4-one

**CATALOG #:** 1781-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>21</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 364.44

**CAS NUMBER:** 663619-89-4

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (10 mg/ml) or Ethanol (5 mg/ml)

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** Cell-permeable. A potent, selective and ATP-competitive inhibitor of PI 3-kinase β (IC<sub>50</sub> = 5 nM for p110β). Inhibits other PI3K isoforms at higher concentrations (IC<sub>50</sub> = 0.1 μM for p110δ, 5 μM for p110α, and 3.5 μM for p110γ).

**REFERENCE:** Chaussade, C., *et al.* (2007). *Biochem. J.* **404**, 449-458; Cosemans, J.M.E.M., *et al.* (2006). *Blood* **108**, 3045-3052.

**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)
- PI3-Kγ Inhibitor, AS-605240 (Cat. No. 1780-1,5)
- PP242 (Cat. No. 1658-1)
- Rapamycin (Cat. No. 1568-5, 50)
- Temsirolimus (Cat. No. 1600-5, 25)
- TGX-115 (Cat. No. 1660-1)
- Wortmannin (Cat. No. 1670-1)