

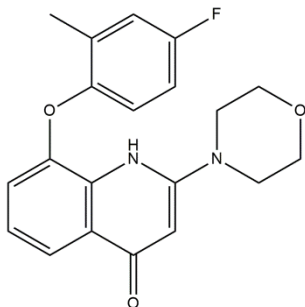
TGX-155

09/19

ALTERNATE NAME: 8-(4-Fluoro-2-methylphenoxy)-2-(4-morpholinyl)-4(1H)-quinolinone

CATALOG #: B2917-1 1 mg
B2917-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₉FN₂O₃

MOLECULAR WEIGHT: 354.37

CAS NUMBER: 351071-90-4

APPEARANCE: Solid

PURITY: 95%

SOLUBILITY: Soluble in DMSO

DESCRIPTION: TGX-155 is an inhibitor of phosphoinositide 3-kinase (PI3K). PI3Ks and their lipid product phosphatidylinositol-3,4,5-trisphosphate are involved in signaling events in many cellular processes. TGX-155 selectively inhibits the p110 β catalytic subunit of Class I PI3K with an IC₅₀ of 30 nM in vitro.

STORAGE TEMPERATURE: -20°C. Store in the dark. Product is light sensitive. Protect from air. Store under desiccating conditions.

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

REFERENCE: Ali, K., Camps, M., Pearce, W.P., et al. Isoform-specific functions of phosphoinositide 3-kinases: p110 γ but not p110 δ promotes optimal allergic responses in vivo. J Immunol 180:2538–44 (2008).

RELATED PRODUCTS:

Tenalisib (Cat. No. B2439)
MTX-211 (Cat. No. B1968)
PP121 (Cat. No. B2523)
Serabelisib (Cat. No. B1930)
DiscoveryPak™ PI 3-Kinase Inhibitor Set (Cat. No. K856)

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