

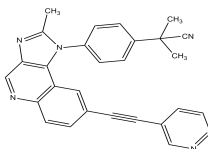
PRODUCT: BAG 956

ALTERNATE NAME: α,α -Dimethyl-4-[2-methyl-8-[2-(3-pyridinyl)ethynyl]-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-benzeneacetonitrile

CATALOG #: 2456-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₂₁N₅

MOLECULAR WEIGHT: 427.50

CAS#: 853910-02-8

APPEARANCE: Red solid

SOLUBILITY: DMSO (~15 mg/ml) or EtOH (~7 mg/ml)

PURITY: >98% by HPLC

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

DESCRIPTION: A potent, ATP-competitive, dual PI3K/PDK-1 inhibitor in vitro and in vivo (IC₅₀ = 56, 444, 34, 117 and 240 nM for PI3K p110- α , β , δ , γ , and PDK1 kinases, respectively). Displays anticancer properties.

REFERENCES: Weisberg, E., *et al.* (2008). *Blood* **111**, 3723-3734.

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)
- BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 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)
- IC87114 (Cat. No. 1661-1)
- IPI-145 (Cat. No. 2445-5, 25)
- LY 294002 (Cat. No. 1667-5, 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)
- 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)

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