

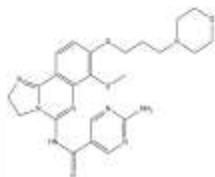
PRODUCT: BAY 80-6946

ALTERNATE NAME: 2-amino-N-[7-methoxy-8-(3-morpholin-4-ylpropoxy)-2,3-dihydroimidazo[1,2-c]quinazolin-5-yl]pyrimidine-5-carboxamide; Copanlisib

CATALOG #: B1267-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₈N₈O₄

MOLECULAR WEIGHT: 480.52

CAS NUMBER: 1032568-63-0

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: BAY 80-6946 is a highly selective and potent pan-class I PI3K inhibitor with sub-nanomolar IC₅₀s against PI3Kα and PI3Kδ. BAY 80-6946 displays preferential inhibition (about 10-fold) of AKT phosphorylation by PI3Kα compared with PI3Kβ in cells. Shows anticancer properties.

REFERENCES: Liu, N., *et al.* (2013). *Mol. Cancer Ther.* **12**, 2319-2330.

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

RELATED PRODUCTS:

APY-0201 (Cat. No. 9564-5,25)
 AS-604850 (Cat. No. 2339-1, 5)
 BAG956 (Cat.No. 2456-5, 25)
 BAY 80-6946 (Cat. No. B1267-5,25)
 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-Kγ 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)
 SAR260301 (Cat. No. B1263-5,25)
 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)
 XL147 (Cat. No. 9401-5, 25)

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