

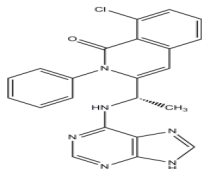
**PRODUCT: IPI-145**

ALTERNATE NAME: (S)-3-(1-((9H-purin-6-yl)amino)ethyl)-8-chloro-2-phenylisoquinolin-1(2H)-one

CATALOG #: 2445-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C<sub>22</sub>H<sub>17</sub>ClN<sub>6</sub>O

MOLECULAR WEIGHT: 416.86

CAS NUMBER: 1201438-56-3

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: PI-145 is a potent inhibitor of phosphoinositide-3-kinase (PI3K)- $\delta$  and PI3K- $\gamma$  isoforms with potential immunomodulating and antineoplastic activities. IPI-145 prevents the activation of the PI3K $\delta/\gamma$ -mediated signaling pathways which may lead to a reduction in cellular proliferation in PI3K $\delta/\gamma$ -expressing tumor cells.

REFERENCES: Winkler, D.G., *et al.* (2013). *Chem. Biol.* Nov 5. pii: S1074-5521(13)00358-X.doi. 1016/j.chembiol.2013.09.017. [Epub ahead of print]

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)
- LY 294002 (Cat. No. 1667-5, 25)
- mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)
- PI-103 (Cat. No. 1728-1,5)
- PI3-K $\gamma$  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**