

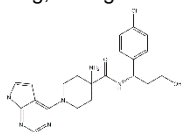
PRODUCT: AZD-5363

ALTERNATE NAMES: AZD 5363; AZD5363; Capivasertib; (S)-4-amino-N-(1-(4-chlorophenyl)-3-hydroxypropyl)-1-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)piperidine-4-carboxamide; 4-amino-N-[(1S)-1-(4-chlorophenyl)-3-hydroxypropyl]-1-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)piperidine-4-carboxamide

CATALOG#: B1762-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₅ClN₆O₂

MOLECULAR WEIGHT: 428.92

CAS NUMBER: 1143532-39-1

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: AZD5363, also known as Capivasertib, is a potent pan-AKT kinase inhibitor with IC₅₀ of 3, 7 and 7 nM for Akt1, Akt2 and Akt3, respectively.

REFERENCES: 1. Davies BR et al. Preclinical pharmacology of AZD5363, an inhibitor of AKT: pharmacodynamics, antitumor activity, and correlation of monotherapy activity with genetic background. *Mol Cancer Ther.* 2012 Apr;11(4):873-87.

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) P
- I-103 (Cat. No. 1728-1, 5)
- PIK-294 (Cat. No. 2614-5, 25)
- PI3-Ky 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 USE ONLY! Not to be used in humans**