

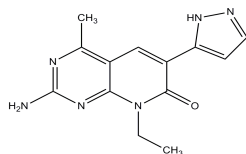
PRODUCT: XL765

ALTERNATE NAME: 2-amino-8-ethyl-4-methyl-6-(1H-pyrazol-5-yl)pyrido[2,3-d]pyrimidin-7(8H)-one; SAR245409

CATALOG #: 2551-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₁₄N₆O

MOLECULAR WEIGHT: 270.29

CAS No. 934493-76-2

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: XL765 is a dual inhibitor of mTOR/PI3K with potential anticancer activities. XL765 inhibits both PI3 kinase and mTOR kinase, which may result in tumor cell apoptosis and growth inhibition in susceptible tumor cell populations. Activation of the PI3K/mTOR pathway promotes cell growth, survival, and resistance to chemotherapy and radiotherapy.

REFERENCE: Yu, P., *et al.* (2014). *Mol. Cancer Ther.* **13**, 1078-1091.

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

RELATED PRODUCTS:

BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
 BI-D1870 (Cat. No. 1824-1, 5)
 Deforolimus (Cat. No. 1587-5, 25)
 DiscoveryPak™ PI 3-Kinase Inhibitor Panel (Cat. No. K856-5)
 Everolimus (Cat. No. 1917-5, 25)
 GDC-0941 (Cat. No. 1623-1,5)
 GSK-2126458 (Cat. No. 1961-1, 5)
 IC87114 (Cat. No. 1661-1)
 LY 294002 (Cat. No. 1667-5, 25)
 OSI-027 (Cat. No. 2372-5, 25)
 mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)
 mTOR Inhibitor, WYE-28 (Cat. No. 2255-500, 1000)
 mTOR Inhibitor, WYE-132 (Cat. No. 2256-500, 1000)
 mTOR Inhibitor, WYE-23 (Cat. No. 2257-500, 1000)
 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)
 P529 (Cat. No. 2462-5, 25)
 PX-866 (Cat. No. 1965-1,5)
 Rapamycin (Cat. No. 1568-5, 50)
 EZSolution™ Rapamycin (Cat. No. 1746-5)
 Temsirolimus (Cat. No. 1600-5, 25)
 TGX-115 (Cat. No. 1660-1)
 TGX-221 (Cat. No. 1781-1,5)
 Torin 1 (Cat. No. 2273-5, 25)
 Torin 2 (Cat. No. 2274-5, 25)
 EZSolution™ Torin 1 (Cat. No. 2353-5)
 EZSolution™ Torin 2 (Cat. No. 2354-5)
 Wortmannin (Cat. No. 1670)

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