

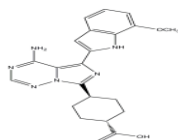
PRODUCT: OSI-027

ALTERNATE NAME: 4-(4-amino-5-(7-methoxy-1H-indol-2-yl)imidazo[5,1-f][1,2,4]triazin-7-yl)cyclohexanecarboxylic acid; ASP4786

CATALOG #: 2372-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₂N₆O₃

MOLECULAR WEIGHT: 406.44

CAS NUMBER: 936890-98-1

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~18 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: At -20°C. Protect from light and moisture

DESCRIPTION: OSI-027 is a potent mammalian target of rapamycin (mTOR) kinase inhibitor with potential antineoplastic activity. It binds to and inhibits both the raptor-mTOR (TOR complex 1 or TORC1) and the rictor-mTOR (TOR complex 2 or TORC2) complexes of mTOR, which may result in tumor cell apoptosis and a decrease in tumor cell proliferation.

REFERENCE: Bhagwat, S.V., *et al.* (2011). *Mol. Cancer Ther.* **8**, 1394-1406.

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)
- 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-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)
- 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 CH USE ONLY! Not to be used in humans*