

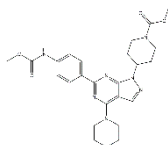
PRODUCT: WYE-354

ALTERNATE NAMES: WYE354; WYE 354; methyl 4-[6-[4-(methoxycarbonylamino)phenyl]-4-morpholin-4-yl]pyrazolo[3,4-d]pyrimidin-1-yl]piperidine-1-carboxylate

CATALOG#: B1732-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₉N₇O₅

MOLECULAR WEIGHT: 495.53

CAS NUMBER: 1062169-56-5

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: WYE-354 is a potent cell-permeable inhibitor of mTOR (IC₅₀ = 4.3 nM) which blocks signaling through both mTOR complex 1 (mTORC1) and mTORC2.

REFERENCES:

1. Qingsong Liu, Carson Thoreen, Jinhua Wang, David Sabatini, Nathanael S. Gray. mTOR mediated anti-cancer drug discovery. Drug Discovery Today. 2009. 6(2): 47-55.
2. Shi-Yong Sun. mTOR kinase inhibitors as potential cancer therapeutic drugs. Cancer Letters. 28 October 2013. 340(1): 1-8.

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

RELATED PRODUCTS:

- AZD-2014 (Cat. No. 9449-5, 25)
- 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-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)
- 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*