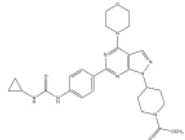


PRODUCT: mTOR Inhibitor, WYE-23

ALTERNATE NAME:	4-{6-[4-(3-Cyclopropyl-ureido)-phenyl]-4-morpholin-4-yl-pyrazolo[3,4-d]pyrimidin-1-yl}-piperidine-1-carboxylic acid methyl ester
CATALOG #:	2257-500, 1000
AMOUNT:	500 µg, 1 mg
STRUCTURE:	
MOLECULAR FORMULA:	C ₂₆ H ₃₂ N ₈ O ₄
MOLECULAR WEIGHT:	520.58
CAS NUMBER:	1062169-46-3
APPEARANCE:	White solid
SOLUBILITY:	DMSO (>10 mg/ml)
PURITY:	≥98% by HPLC
STORAGE:	At -20°C. Protect from light and moisture
DESCRIPTION:	Cell-permeable. A potent, selective, and ATP-competitive mTOR (mammalian Target Of Rapamycin) inhibitor (IC ₅₀ = 0.45 nM nM). Displays 1469-fold selectivity over PI3Kα (IC ₅₀ = 661 nM).
REFERENCE:	Zask, A., <i>et al.</i> (2009). <i>J. Med. Chem.</i> 52 , 5013-5016.

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)
 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)
 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)
 Wortmannin (Cat. No. 1670)

USAGE:

FOR RESEARCH CH USE ONLY! Not to be used in humans