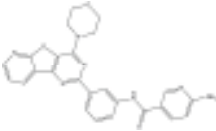


**PRODUCT: YM201636**

<b>ALTERNATE NAME:</b>	6-Amino-N-(3-(4-(4-morpholinyl)pyrido[3'2':4,5]furo[3,2-d]pyrimidin-2-yl)phenyl)-3-pyridine carboxamide
<b>CATALOG #:</b>	2045-1,5
<b>AMOUNT:</b>	1 mg, 5 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	C <sub>25</sub> H <sub>21</sub> N <sub>7</sub> O <sub>3</sub>
<b>MOLECULAR WEIGHT:</b>	467.49
<b>CAS NUMBER:</b>	371942-69-7
<b>APPEARANCE:</b>	White to off-white solid
<b>SOLUBILITY:</b>	DMSO or Ethanol
<b>PURITY:</b>	≥98% by NMR
<b>STORAGE:</b>	Store at -20 °C. Protect from light.
<b>DESCRIPTION:</b>	Cell-permeable. YM-201636 is a selective inhibitor of phosphoinositide kinase (PIK) PIKfyve (IC <sub>50</sub> = 33 nM). It inhibits p110α at higher concentration (IC <sub>50</sub> = 3 μM). It reversibly impairs endosomal trafficking in NIH3T3 cells, mimicking the effect produced by depleting PIKfyve with siRNA. YM-201636 also blocks retroviral exit by budding from cells.
<b>HANDLING:</b>	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)  
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)  
IC87114 (Cat. No. 1661-1)  
LY 294002 (Cat. No. 1667-5, 25)  
mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)  
PI-103 (Cat. No. 1728-1,5)  
PI3-K<sub>γ</sub> 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)  
Temozolomide (Cat. No. 1600-5, 25)  
TGX-115 (Cat. No. 1660-1)  
TGX-221 (Cat. No. 1781-1,5)  
Wortmannin (Cat. No. 1670-1)

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