


**PRODUCT: AZD-8186**

<b>ALTERNATE NAME:</b>	(R)-8-(1-((3,5-difluorophenyl)amino)ethyl)-N,N-dimethyl-2-morpholino-4-oxo-4H-chromene-6-carboxamide
<b>CATALOG #:</b>	B1027-5, 25
<b>AMOUNT:</b>	5 mg, 25 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	C <sub>24</sub> H <sub>25</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
<b>MOLECULAR WEIGHT:</b>	457.47
<b>CAS NUMBER:</b>	1627494-13-6
<b>APPEARANCE:</b>	Crystalline solid
<b>SOLUBILITY:</b>	DMSO
<b>PURITY:</b>	≥98% by HPLC
<b>STORAGE:</b>	Store at -20°C. Protect from air and moisture
<b>DESCRIPTION:</b>	AZD-8186 is a potent and selective PI3Kβ/δ inhibitor. Displays potential to reduce growth of tumors dependent on dysregulated PTEN for growth.
<b>REFERENCES:</b>	Hancox, U., <i>et al.</i> (2015). <i>Mol. Cancer Ther.</i> <b>14</b> , 48-58.

**RELATED PRODUCTS:**

APY-0201 (Cat. No. 9564-5,25)  
AS-604850 (Cat. No. 2339-1, 5)  
BAG956 (Cat.No. 2456-5, 25)  
BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)  
CAL-101 (Cat. No. 2613-5, 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)  
GSK-263771 (Cat. No. 2793-5, 25)  
IC87114 (Cat. No. 1661-1)  
IPI-145 (Cat. No. 2445-5, 25)  
LY 294002 (Cat. No. 1667-5, 25)  
NVP-BKM120 (Cat. No. 2619-5, 25)  
mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)  
OSU-03012, hydrochloride (Cat. No. 2295-5, 25)  
PI-103 (Cat. No. 1728-1,5)  
PIK-294 (Cat. No. 2614-5, 25)  
PI3-K $\gamma$  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)  
Temsirrolimus (Cat. No. 1600-5, 25)  
TGX-115 (Cat. No. 1660-1)  
TGX-221 (Cat. No. 1781-1,5)  
Wortmannin (Cat. No. 1670-1)  
YM201636 (Cat. No. 2045-1, 5)  
XL147 (Cat. No. 9401-5, 25)

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

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