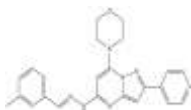


PRODUCT: APY-0201**ALTERNATE NAME:** (E)-4-(5-(2-(3-methylbenzylidene)hydrazinyl)-2-(pyridin-4-yl)pyrazolo[1,5-a]pyrimidin-7-yl)morpholine**CATALOG #:** 9564-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₂₃N₇O**MOLECULAR WEIGHT:** 413.48**CAS NUMBER:** 1232221-74-7**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** APY0201 is a potent, highly selective, ATP-competitive PIKfyve inhibitor (IC₅₀ = 5.2 nM) that interrupts the conversion of phosphatidylinositol 3-phosphate (PtdIns3P) to PtdIns(3,5)P₂. Also acts as a unique small molecular IL-12/23 production inhibitor.**REFERENCES:** Hayakawa, N., et al. (2014). *Bioorg. Med. Chem.* **22**, 3021-3029.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

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-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)
Temsirolimus (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)

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