

PIKfyve

FYVE domain-containing phosphatidylinositol 3-phosphate 5-kinase; Phosphatidylinositol 3-phosphate 5-kinase; Fab1


HDAC Inhibitor:
Vorinostat (SAHA)



HDAC (Histone deacetylase)

and cytoplasmic vacuolation due to impaired PtdIns(3,5)P₂ synthesis. Thus, via PtdIns(3,5)P₂ production, PIKfyve participates in several aspects of endosome dynamics, thereby affecting a number of trafficking pathways that emanate from or traverse the endosomal system en route to the trans-Golgi network or later compartments along the endocytic pathway.

PIKfyve Inhibitors & Modulators

APY0201 Cat. No.: HY-15982	YM-201636 Cat. No.: HY-13228
<p>Bioactivity: APY0201 is a potent PIKfyve inhibitor, which inhibits the conversion of PtdIns3P to PtdIns(3,5)P₂ in the presence of in the presence of [³³P]ATP with an IC₅₀ of 5.2 nM. APY0201 also inhibits IL-12/IL-23 production.</p> <p>Purity: 98.0%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 5 mg, 10 mg, 50 mg, 100 mg</p> 	<p>Bioactivity: YM-201636 is a potent and selective PIKfyve inhibitor with an IC₅₀ of 33 nM. YM-201636 also inhibits p110α with IC₅₀ of 3.3 μM.</p> <p>Purity: 98.22%</p> <p>Clinical Data: No Development Reported</p> <p>Size: 10mM x 1mL in DMSO, 2 mg, 5 mg, 10 mg, 50 mg, 100 mg</p> 