

YM201636

Cat. No. CEI-0094

Lot. No. (See product label)

Introduction

Description YM201636 potently inhibits mammalian PIKfyve with an IC50 of 33 nM but not yeast orthologue Fab1 with an IC50 of >5 uM, exhibiting around 100-fold selectivity for PtdIns3P p110-alpha with an IC50 of 3 uM.

Product Information

CAS No. 371942-69-7

Molecular Formula C25H21N7O3

Chemical Name 3-Pyridinecarboxamide, 6-amino-N-[3-[4-(4-morpholinyl)pyrido[3,2:4,5]furo[3,2-d]pyrimidin-2-yl]phenyl]-

Molecular Weight 467.48

Purity >99%

Targets PI3K

Solubility DMSO 35 mg/mL, Water

Storage and Shipping Information

Storage 2 years at -20 centigrade