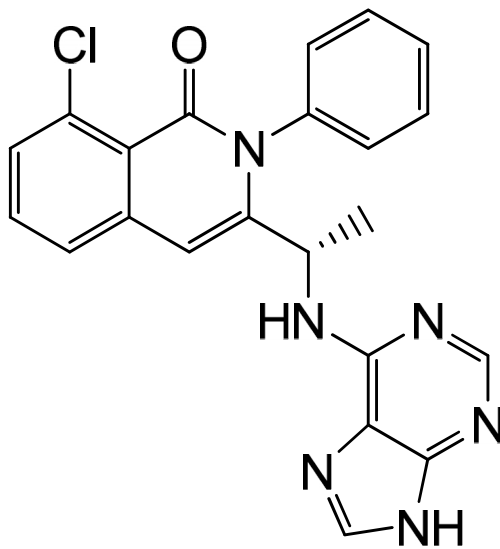


IPI 145

SYN-1175



(S)-3-(1-((9H-purin-6-yl)amino)ethyl)-8-chloro-2-phenylisoquinolin-1(2H)-one

CAS Registry No.: 1201438-56-3

Smiles String:

C1C=C(C(N2C3=CC=CC=C3)=O)C(C=C2[C@@H](NC4=C(N=CN5)C5=NC=N4)C)=C=C1

Molecular Weight: 416.86

Molecular Formula: C₂₂H₁₇ClN₆O

Lot Number: Refer to vial

¹H-NMR: Available on request

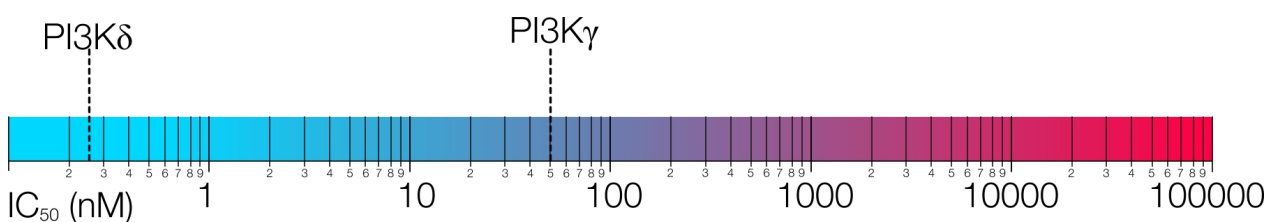
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

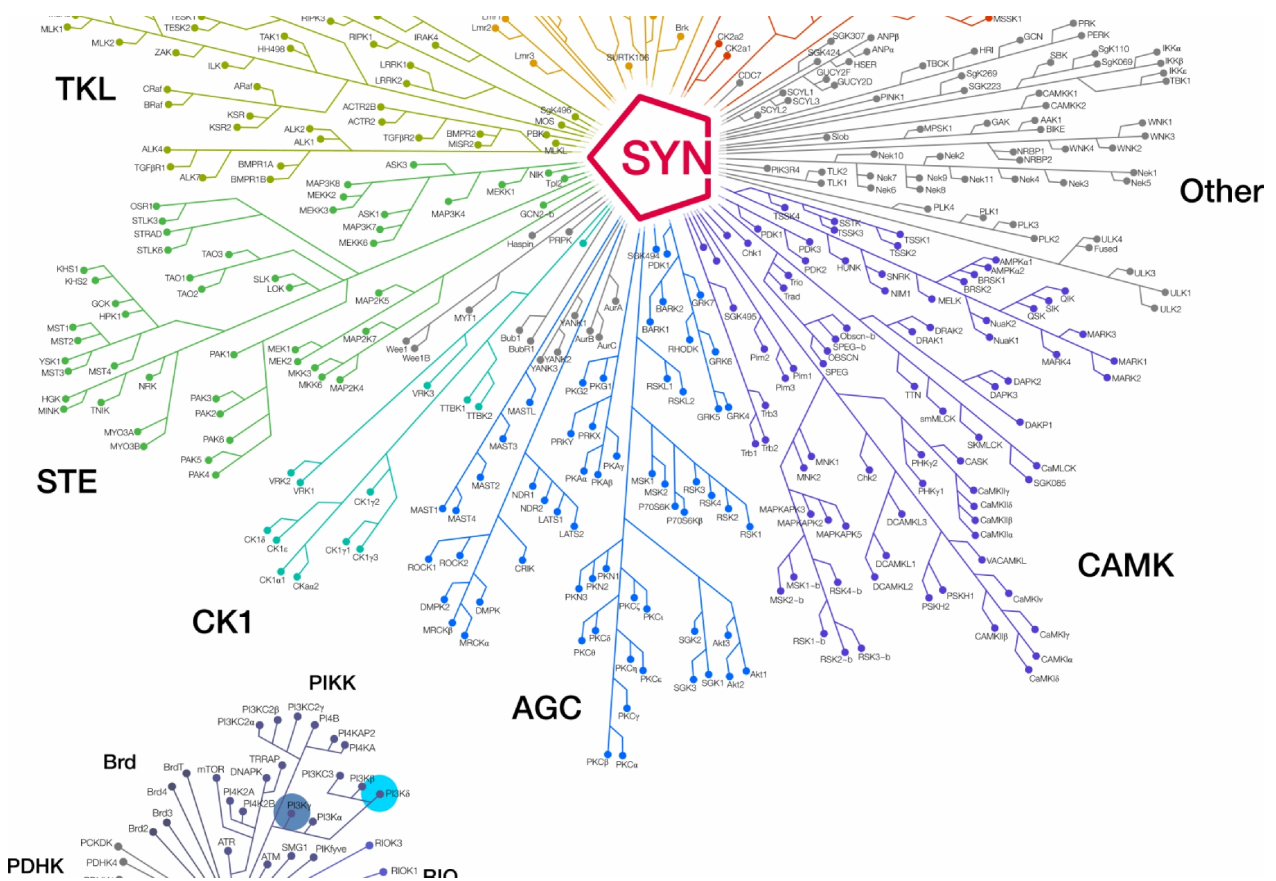
Description:

IPI-145 is a potent, oral inhibitor of Class I phosphoinositide-3-kinase (PI3K)-delta and PI3K-gamma (IC₅₀ of 243 pM and 50 nM), and is clinically active in patients with advanced hematological malignancies.

Biological Activity



Kinome Mapping



Shipping and Storage Temperature

Shipping:

Ambient

Storage:

2 years -20C, Powder 1 month, -4C in DMSO, More than one month -80C in DMSO

Solubility

DMSO 84mg/mL, Ethanol <1mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.4169	4.1690	8.3380	20.8450

References

1. <https://www.google.com/patents/US20120184568>.

Ordering Information

To order more of this or any other SYNkinase compound, go to synkinase.com, Call us Toll Free (US Only) at 1- 877-854-6273 or email orders@synkinase.com.

Product Datasheet (Rev. 1.1)