

## Product Information

### PI3K inhibitor IPI-3063, Purity ≥98%

**Cat. No.:** X24-05-ZQ106

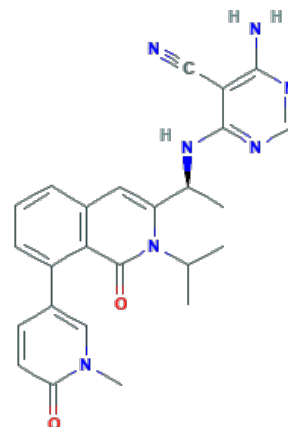
**Size:** 2 mg; 5 mg; 25 mg

**CAS Number:** 1425043-73-7

**Compound CID:** 71276090

**Synonym:** 1425043-73-7; IPI3063; IPI 3063; PI3K inhibitor

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	IPI-3063, soluble in DMSO and ethanol and insoluble in water, is a potent compound that inhibits PI3 kinase activity. It targets p110α, p110β, p110δ, and p110γ.
<b>Molecular Weight</b>	455.51
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>25</sub> N <sub>7</sub> O <sub>2</sub>
<b>Targets</b>	p110α: 1170 nM; p110β: 1508 nM; p110δ: 2.5 nM; p110γ: 2187 nM
<b>IUPAC Name</b>	4-Amino-6-[[[(1S)-1-[8-(1-methyl-6-oxopyridin-3-yl)-1-oxo-2-propan-2-ylisoquinolin-3-yl]ethyl]amino]pyrimidine-5-carbonitrile
<b>InChI</b>	InChI=1S/C25H25N7O2/c1-14(2)32-20(15(3)30-24-19(11-26)23(27)28-13-29-24)10-16-6-5-7-18(22(16)25(32)34)17-8-9-21(33)31(4)12-17/h5-10,12-15H,1-4H3,(H3,27,28,29,30)/t15-m/s1
<b>InChI Key</b>	OBHAYOJCPNWKBL-HNNXBMFYSA-N
<b>Canonical SMILES</b>	CC(C)N1C(=CC2=C(C1=O)C(=CC=C2)C3=CN(C(=O)C=C3)C)C(C)NC4=NC=NC(=C4C#N)N
<b>Isomeric SMILES</b>	C[C@@H](C1=CC2=C(C(=CC=C2)C3=CN(C(=O)C=C3)C)C(=O)N1C(C)C)NC4=NC=NC(=C4C#N)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Solubility</b>	DMSO: 83 mg/mL (182.21 mM); Water: Insoluble; Ethanol: 11 mg/mL (24.15 mM)
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	IPI-3063 serves primarily in the study of selective PI3Kδ inhibition, relevant in B-cell malignancies.



**Storage**

Store at -20°C.

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