

## Product Information

### PI3K inhibitor PI-3065, Purity ≥98%

**Cat. No.:** X24-05-ZQ129

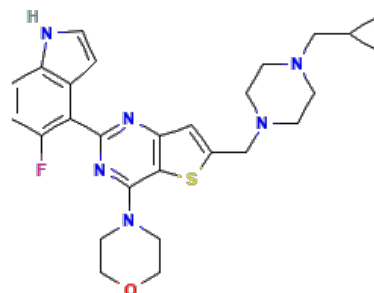
**Size:** 5 mg; 10 mg; 25 mg

**CAS Number:** 955977-50-1

**Compound CID:** 24937012

**Synonym:** 955977-50-1; PI3065; PI 3065; PI3K inhibitor

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



#### Product Information

<b>Description</b>	PI-3065, soluble in warmed DMSO and insoluble in water and ethanol, is a potent compound that inhibits PI3 kinase activity. It targets p110α, p110β, DNA-PK, p110δ, p110γ, and mTOR.
<b>Molecular Weight</b>	506.64
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>31</sub> FN <sub>6</sub> OS
<b>Targets</b>	p110α: 2299 nM; p110β: 1078 nM; DNA-PK: >10000 nM; p110δ: 15 nM; p110γ: 27542 nM; mTOR: 9082 nM
<b>IUPAC Name</b>	4-[6-[[4-(Cyclopropylmethyl)piperazin-1-yl]methyl]-2-(5-fluoro-1H-indol-4-yl)thieno[3,2-d]pyrimidin-4-yl]morpholine
<b>InChI</b>	InChI=1S/C27H31FN6OS/c28-21-3-4-22-20(5-6-29-22)24(21)26-30-23-15-19(17-33-9-7-32(8-10-33)16-18-1-2-18)36-25(23)27(31-26)34-11-13-35-14-12-34/h3-6,15,18,29H,1-2,7-14,16-17H2
<b>InChI Key</b>	YDNOHCOYQVZOMC-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CC1CN2CCN(CC2)CC3=CC4=C(S3)C(=NC(=N4)C5=C(C=CC6=C5C=CN6)F)N7CCOCC7
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Solubility</b>	Warmed DMSO: 50 mg/mL (98.68 mM); Water: Insoluble; Ethanol: Insoluble
<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>	PI-3065 targets PI3Kα, used to study signaling pathways in cancer and other diseases.
<b>Storage</b>	Store at -20°C.



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