

## Product Information

### PI3K inhibitor LAS191954, Purity ≥98%

**Cat. No.:** X24-05-ZQ109

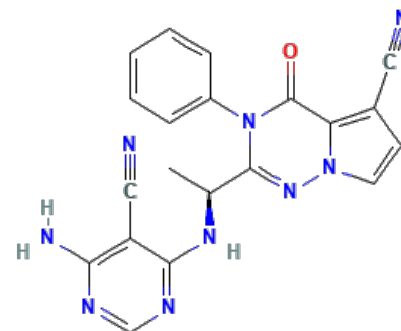
**Size:** 1 mg; 5 mg; 10 mg

**CAS Number:** 1403947-26-1

**Compound CID:** 70675172

**Synonym:** 1403947-26-1; LAS 191954; LAS-191954; PI3K inhibitor

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



#### Product Information

<b>Description</b>	LAS191954 is a potent compound that inhibits PI3 kinase activity. It targets PI3Kδ.
<b>Molecular Weight</b>	397.39
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>15</sub> N <sub>9</sub> O
<b>Targets</b>	PI3Kδ: 2.6 nM
<b>IUPAC Name</b>	2-[(1S)-1-[(6-amino-5-cyanopyrimidin-4-yl)amino]ethyl]-4-oxo-3-phenylpyrrolo[2,1-f][1,2,4]triazine-5-carbonitrile
<b>InChI</b>	InChI=1S/C20H15N9O/c1-12(26-18-15(10-22)17(23)24-11-25-18)19-27-28-8-7-13(9-21)16(28)20(30)29(19)14-5-3-2-4-6-14/h2-8,11-12H,1H3,(H3,23,24,25,26)/t12-m/s1
<b>InChI Key</b>	QUMWKKVIZIAIHU-LBPRGKRZSA-N
<b>Canonical SMILES</b>	CC(C1=NN2C=CC(=C2C(=O)N1C3=CC=CC=C3)C#N)NC4=NC=NC(=C4C#N)N
<b>Isomeric SMILES</b>	C[C@@H](C1=NN2C=CC(=C2C(=O)N1C3=CC=CC=C3)C#N)NC4=NC=NC(=C4C#N)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<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>	LAS191954 is useful for researching the selective inhibition of PI3Kα isoform in cancer studies.
<b>Storage</b>	Store at -20°C.