

## Product Information

### PI3K inhibitor GS-9901, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ098

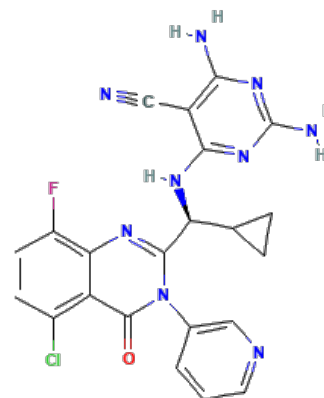
**Size:** 1 mg; 5 mg; 10 mg

**CAS Number:** 1640247-87-5

**Compound CID:** 86763204

**Synonym:** 1640247-87-5; GS9901; GS 9901; PI3K inhibitor

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



#### Product Information

<b>Description</b>	GS-9901 is a potent compound that inhibits PI3 kinase activity. It targets PI3K $\delta$ .
<b>Molecular Weight</b>	477.88
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>17</sub> ClFN <sub>9</sub> O
<b>Targets</b>	PI3K $\delta$
<b>IUPAC Name</b>	2,4-Diamino-6-[[[(S)-(5-chloro-8-fluoro-4-oxo-3-pyridin-3-yl)quinazolin-2-yl]-cyclopropylmethyl]amino]pyrimidine-5-carbonitrile
<b>InChI</b>	InChI=1S/C22H17ClFN9O/c23-13-5-6-14(24)17-15(13)21(34)33(11-2-1-7-28-9-11)20(30-17)16(10-3-4-10)29-19-12(8-25)18(26)31-22(27)32-19/h1-2,5-7,9-10,16H,3-4H2,(H5,26,27,29,31,32)/t16-m/s1
<b>InChI Key</b>	XDSXYMOZKDUASY-INIZCTEOSA-N
<b>Canonical SMILES</b>	C1CC1C(C2=NC3=C(C=CC(=C3C(=O)N2C4=CN=CC=C4)Cl)F)NC5=NC(=NC(=C5C#N)N)N
<b>Isomeric SMILES</b>	C1CC1[C@@H](C2=NC3=C(C=CC(=C3C(=O)N2C4=CN=CC=C4)Cl)F)NC5=NC(=NC(=C5C#N)N)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<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>	GS-9901 can be used in studying the PI3K $\beta$ -selective inhibition impacts on cellular processes in cancer.



**Storage**

Store at -20°C.

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