

## Product Information

### PI3K inhibitor Linperlisib, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ111

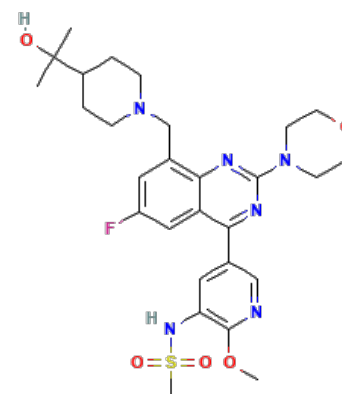
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 1702816-75-8

**Compound CID:** 91754520

**Synonym:** 1702816-75-8; pi3Kdelta-IN-2; PI3K(delta)-IN-2; YY-20394; PI3K inhibitor

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



#### Product Information

<b>Description</b>	Linperlisib is a potent compound that inhibits PI3 kinase activity. It targets PI3K $\delta$ .
<b>Molecular Weight</b>	588.69
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>37</sub> FN <sub>6</sub> O <sub>5</sub> S
<b>Targets</b>	PI3K $\delta$ : 6.4 nM
<b>IUPAC Name</b>	<i>N</i> -[5-[6-fluoro-8-[[4-(2-hydroxypropan-2-yl)piperidin-1-yl]methyl]-2-morpholin-4-yl]quinazolin-4-yl]-2-methoxy-3-pyridinylmethanesulfonamide
<b>InChI</b>	InChI=1S/C28H37FN6O5S/c1-28(2,36)20-5-7-34(8-6-20)17-19-13-21(29)15-22-24(31-27(32-25(19)22)35-9-11-40-12-10-35)18-14-23(33-41(4,37)38)26(39-3)30-16-18/h13-16,20,33,36H,5-12,17H2,1-4H3
<b>InChI Key</b>	NVWKNQGHVMMAJW-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(C)(C1CCN(CC1)CC2=C3C(=CC(=C2)F)C(=NC(=N3)N4CCOCC4)C5=CC(=C(N=C5)OC)NS(=O)(=O)C)O
<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>	Linperlisib can be used to research the PI3K $\delta$ -specific inhibition's immunomodulatory effects.
<b>Storage</b>	Store at -20°C.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: [info@bioglyco.com](mailto:info@bioglyco.com)

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