

## Product Information

### PI3K inhibitor GSK2292767, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ099

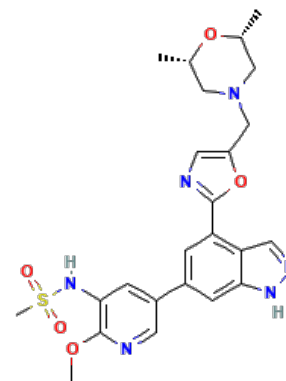
**Size:** 5 mg; 10 mg; 25 mg

**CAS Number:** 1254036-66-2

**Compound CID:** 49783923

**Synonym:** 1254036-66-2; GSK 2292767; GSK-2292767; PI3K inhibitor

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



#### Product Information

<b>Description</b>	GSK2292767 is a potent compound that inhibits PI3 kinase activity.
<b>Molecular Weight</b>	512.6
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>28</sub> N <sub>6</sub> O <sub>5</sub> S
<b>IUPAC Name</b>	<i>N</i> -[5-[4-[5-[[[(2 <i>R</i> ,6 <i>S</i> )-2,6-dimethylmorpholin-4-yl]methyl]-1,3-oxazol-2-yl]-1 <i>H</i> -indazol-6-yl]-2-methoxy-pyridin-3-yl]methanesulfonamide
<b>InChI</b>	InChI=1S/C24H28N6O5S/c1-14-11-30(12-15(2)34-14)13-18-9-26-23(35-18)19-5-16(6-21-20(19)10-27-28-21)17-7-22(29-36(4,31)32)24(33-3)25-8-17/h5-10,14-15,29H,11-13H2,1-4H3,(H,27,28)/t14-,15+
<b>InChI Key</b>	NLUPPCTVKHDVIQ-GASCZTMLSA-N
<b>Canonical SMILES</b>	CC1CN(CC(O1)C)CC2=CN=C(O2)C3=C4C=NNC4=CC(=C3)C5=CC(=C(N=C5)OC)NS(=O)(=O)C
<b>Isomeric SMILES</b>	C[C@@H]1CN(C[C@@H](O1)C)CC2=CN=C(O2)C3=C4C=NNC4=CC(=C3)C5=CC(=C(N=C5)OC)NS(=O)(=O)C
<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>	GSK2292767 is useful in researching the inhibition of the PI3K $\delta$ isoform, particularly in inflammation and immune response.
<b>Storage</b>	Store at -20°C.

