

## Product Information

### PI3Kdelta inhibitor 1, Purity ≥98%

**Cat. No.:** X24-05-ZQ137

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

**CAS Number:** 2242109-74-4

**Compound CID:** 138319687

**Synonym:** 2242109-74-4;

(*R*)-*N*

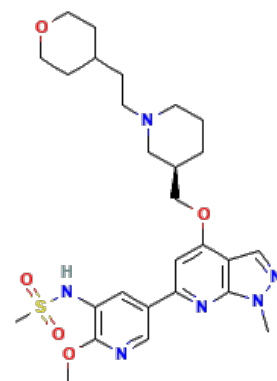
-[2-Methoxy-5-(1-methyl-4-((1-(2-(tetrahydro-2H

-pyran-4-yl)ethyl)piperidin-3-yl)methoxy]-1H

-pyrazolo[3,4-b]pyridin-6-yl)pyridin-3-yl)methanesulfonamide; BDBM50462587;

AKOS040734701; PI3K inhibitor

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



### Product Information

<b>Description</b>	PI3Kdelta inhibitor 1 is a potent compound that inhibits PI3 kinase activity. It targets PI3Kδ.
<b>Molecular Weight</b>	558.69
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>38</sub> N <sub>6</sub> O <sub>5</sub> S
<b>Targets</b>	PI3Kδ: 1.3 nM
<b>IUPAC Name</b>	<i>N</i> -[2-methoxy-5-[1-methyl-4-[(3 <i>R</i> )-1-[2-(oxan-4-yl)ethyl]piperidin-3-yl]methoxy]pyrazolo[3,4- <i>b</i> ]pyridin-6-yl]pyridin-3-yl]methanesulfonamide
<b>InChI</b>	InChI=1S/C27H38N6O5S/c1-32-26-22(16-29-32)25(14-23(30-26)21-13-24(31-39(3,34)35)27(36-2)28-15-21)38-18-20-5-4-9-33(17-20)10-6-19-7-11-37-12-8-19/h13-16,19-20,31H,4-12,17-18H2,1-3H3/t20-/m1/s1
<b>InChI Key</b>	IHEZCWZVYIBFRC-HXUWFJFHSA-N
<b>Canonical SMILES</b>	CN1C2=C(C=N1)C(=CC(=N2)C3=CC(=C(N=C3)OC)NS(=O)(=O)C)OCC4CCCN(C4)CCC5CCOCC5
<b>Isomeric SMILES</b>	CN1C2=C(C=N1)C(=CC(=N2)C3=CC(=C(N=C3)OC)NS(=O)(=O)C)OC[C@@H]4CCCN(C4)CCC5CCOCC5
<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>	PI3Kdelta inhibitor 1 is applied for research on selective inhibition of the PI3Kδ pathway.
<b>Storage</b>	Store at -20°C.

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