

## Product Information

### PI3K $\gamma$ inhibitor 3, Purity $\geq$ 98%

**Cat. No.:** X24-05-ZQ132

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

**CAS Number:** 2132961-46-5

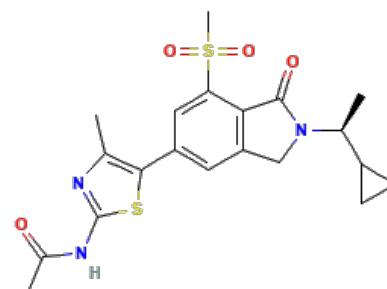
**Compound CID:** 134611894

**Synonym:** 2132961-46-5; AZD3458; ChEMBL4126156; AZD-3458; N

-[5-[2-[(1S

)-1-cyclopropylethyl]-7-methylsulfonyl-1-oxo-3H

-isoindol-5-yl]-4-methyl-1,3-thiazol-2-yl]acetamide; PI3K inhibitor



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

#### Product Information

<b>Description</b>	PI3K $\gamma$ inhibitor 3 is a potent compound that inhibits PI3 kinase activity. It targets PI3K $\alpha$ , PI3K $\beta$ , PI3K $\delta$ , PI3K $\gamma$ , PI3KC2 $\alpha$ , PI3KC2 $\beta$ , PI3KC2 $\gamma$ , and PI3KC3.
<b>Molecular Weight</b>	433.54
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>
<b>Targets</b>	PI3K $\alpha$ : 5.1 (pIC <sub>50</sub> ); PI3K $\beta$ : 4.5 (pIC <sub>50</sub> ); PI3K $\delta$ : 6.5 (pIC <sub>50</sub> ); PI3K $\gamma$ : 9.1 (pIC <sub>50</sub> ); PI3KC2 $\alpha$ : 5 (pIC <sub>50</sub> ); PI3KC2 $\beta$ : 7.5 (pIC <sub>50</sub> ); PI3KC2 $\gamma$ : 5.5 (pIC <sub>50</sub> ); PI3KC3: 5.1 (pIC <sub>50</sub> )
<b>IUPAC Name</b>	N-[5-[2-[(1S)-1-cyclopropylethyl]-7-methylsulfonyl-1-oxo-3H]-isoindol-5-yl]-4-methyl-1,3-thiazol-2-yl]acetamide
<b>InChI</b>	InChI=1S/C20H23N3O4S2/c1-10-18(28-20(21-10)22-12(3)24)14-7-15-9-23(11(2)13-5-6-13)19(25)17(15)16(8-14)29(4,26)27/h7-8,11,13H,5-6,9H2,1-4H3,(H,21,22,24)/t11-/m0/s1
<b>InChI Key</b>	PAQUFWFUOVDUIO-NSHDSACASA-N
<b>Canonical SMILES</b>	CC1=C(SC(=N1)NC(=O)C)C2=CC3=C(C(=C2)S(=O)(=O)C)C(=O)N(C3)C(C)C4CC4
<b>Isomeric SMILES</b>	CC1=C(SC(=N1)NC(=O)C)C2=CC3=C(C(=C2)S(=O)(=O)C)C(=O)N(C3)[C@@H](C)C4CC4
<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>	PI3K $\gamma$ inhibitor 3 is applied in research on cellular signaling and immune responses.



**Storage**

Store at -20°C.

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