

## Product Information

### PI3K inhibitor CZC24832, Purity $\geq 98\%$

**Cat. No.:** X24-05-ZQ088

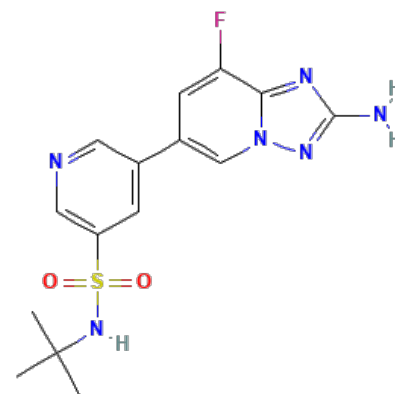
**Size:** 5 mg; 10 mg; 25 mg; 50 mg

**CAS Number:** 1159824-67-5

**Compound CID:** 42623951

**Synonym:** 1159824-67-5; CZC 24832; CZC-24832; PI3K inhibitor

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



### Product Information

<b>Description</b>	CZC24832, soluble in warmed DMSO and insoluble in water and ethanol, is a potent compound that inhibits PI3 kinase activity. It targets PI3K $\beta$ , PI3K $\delta$ , and PI3K $\gamma$ .
<b>Molecular Weight</b>	364.4
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>17</sub> FN <sub>6</sub> O <sub>2</sub> S
<b>Targets</b>	PI3K $\beta$ : 1.1 $\mu$ M; PI3K $\delta$ : 8.2 $\mu$ M; PI3K $\gamma$ : 27 $\mu$ M
<b>IUPAC Name</b>	5-(2-Amino-8-fluoro-[1,2,4]triazolo[1,5-a]pyridin-6-yl)-N-tert-butylpyridine-3-sulfonamide
<b>InChI</b>	InChI=1S/C15H17FN6O2S/c1-15(2,3)21-25(23,24)11-4-9(6-18-7-11)10-5-12(16)13-19-14(17)20-22(13)8-10/h4-8,21H,1-3H3,(H2,17,20)
<b>InChI Key</b>	RXRZPHQBTHQXSV-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(C)(C)NS(=O)(=O)C1=CN=CC(=C1)C2=CN3C(=NC(=N3)N)C(=C2)F
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Solubility</b>	Warmed DMSO: 5 mg/mL (13.72 mM); Water: Insoluble; Ethanol: Insoluble
<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>	CZC24832 can be used to study the inhibition of PI3K $\gamma$ specifically, which is involved in inflammatory responses.
<b>Storage</b>	Store at -20°C.