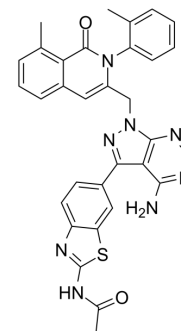


## PI3K $\gamma$ inhibitor 1

Cat. No.:	HY-10549
CAS No.:	1172118-03-4
Molecular Formula:	C <sub>32</sub> H <sub>26</sub> N <sub>8</sub> O <sub>2</sub> S
Molecular Weight:	586.67
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	PI3K $\gamma$ inhibitor 1 is a PI3K $\delta$ and PI3K $\gamma$ inhibitor extracted from patent WO2014004470A1, Compound 168 in Table 4, has IC <sub>50</sub> s of <100 nM.			
<b>IC<sub>50</sub> &amp; Target</b>	PI3K $\delta$ 100 nM (IC <sub>50</sub> )	PI3K $\gamma$ 100 nM (IC <sub>50</sub> )	PI3K $\alpha$ 10 $\mu$ M (IC <sub>50</sub> )	PI3K $\beta$ 10 $\mu$ M (IC <sub>50</sub> )
<b>In Vitro</b>	In Table 3, PI3K $\gamma$ inhibitor 1 (Compound 168) inhibits PI3K $\delta$ , PI3K $\gamma$ , PI3K $\alpha$ and PI3K $\beta$ with IC <sub>50</sub> s of <100 nM, <100 nM, <10 $\mu$ M and <10 $\mu$ M, respectively. PI3K $\gamma$ inhibitor 1 inhibits B cell proliferation with an EC <sub>50</sub> <100 nM. MCE has not independently confirmed the accuracy of these methods. They are for reference only.			

### REFERENCES

[1]. Vito J. Palombella, et al. Treatment of lupus, fibrotic conditions, and inflammatory myopathies and other disorders using pi3 kinase inhibitors. WO 2014004470 A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA