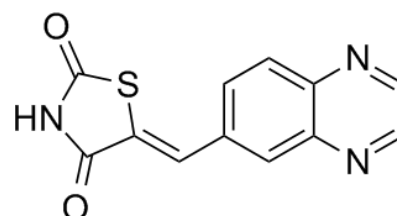


**Product Name** : AS-605240  
**Cat. No.** : PC-42311  
**CAS No.** : 648450-29-7  
**Molecular Formula** : C<sub>12</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight** : 257.2679  
**Target** : PI3K  
**Solubility** : DMSO: 5.8 mg/mL (Need warming)  
4. Kobayashi N, et al. Proc Natl Acad Sci U S A. 2011 Apr 5;108(14):5753-8.



### Biological Activity

A potent, selective, ATP-competitive, orally active PI3K $\gamma$  inhibitor with IC<sub>50</sub> of 8 nM; displays 30-fold selectivity for PI3K $\delta$ ,  $\beta$ , 7.5-fold selectivity over PI3K $\alpha$ ; inhibits C5a-mediated PKB phosphorylation in RAW264 mouse macrophages (IC<sub>50</sub>=90 nM); reduces neutrophil chemotaxis in vivo and suppresses joint inflammation and damage in mouse models of RA.

### References

- Camps M, et al. Nat Med. 2005 Sep;11(9):936-43.  
Fougerat A, et al. Circulation. 2008 Mar 11;117(10):1310-7.  
Dutra RC, et al. Br J Pharmacol. 2011 May;163(2):358-74.

