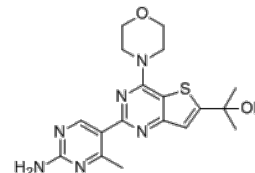


**Product Name** : GNE-490  
**Cat. No.** : PC-63013  
**CAS No.** : 1033739-92-2  
**Molecular Formula** : C<sub>18</sub>H<sub>22</sub>N<sub>6</sub>O<sub>2</sub>S  
**Molecular Weight** : 386.474  
**Target** : PI3K  
**Solubility** : 10 mM in DMSO



## Biological Activity

GNE-490 is a potent, selective, orally available class I **PI3K** inhibitor with IC<sub>50</sub> of 3.5/25/5.2/15 nM for PI3K $\alpha$ /PI3K $\beta$ /PI3K $\gamma$ /PI3K $\delta$ .

GNE-490 shows >200-fold selectivity over mTOR (IC<sub>50</sub>=740 nM).

GNE-490 has good PK profiles, and are efficacious in xenograft models.

## References

Sutherland DP, et al. *J Med Chem.* 2010 Feb 11;53(3):1086-97.

Sampath D, et al. *Neoplasia.* 2013 Jul;15(7):694-711.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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