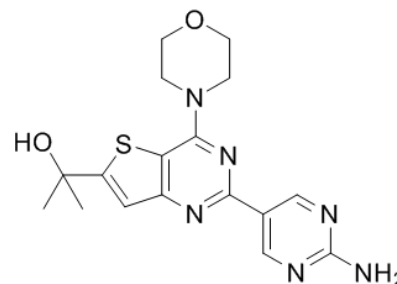


**Product Name** : GNE-493  
**Cat. No.** : PC-42708  
**CAS No.** : 1033735-94-2  
**Molecular Formula** : C<sub>17</sub>H<sub>20</sub>N<sub>6</sub>O<sub>2</sub>S  
**Molecular Weight** : 372.4447  
**Target** : PI3K  
**Solubility** : DMSO: ≥ 45 mg/mL



## Biological Activity

GNE-493 (GNE493) is a potent, selective dual pan-**PI3K/mTOR** inhibitor with IC<sub>50</sub> of 3.4/12/16/16/32 nM for PI3K $\alpha$ /PI3K $\beta$ /PI3K $\gamma$ /PI3K $\delta$ /mTOR.

GNE-493 (GNE493) displays 100-fold selective for PI3K $\alpha$  over Aurora A, MLK1, Syk.

GNE-493 (GNE493) has good PK profiles, and are efficacious in xenograft models; orally available.

## References

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

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

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