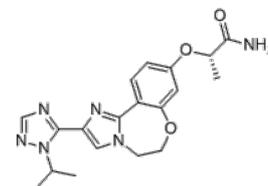


**Product Name** : GDC-0326  
**Cat. No.** : PC-60166  
**CAS No.** : 1282514-88-8  
**Molecular Formula** : C<sub>19</sub>H<sub>22</sub>N<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 382.424  
**Target** : PI3K  
**Solubility** : 10 mM in DMSO



## Biological Activity

GDC0326 (GDC-0326) is a potent, selective, orally available **PI3K $\alpha$**  inhibitor with  $K_i$  of 0.2 nM. GDC0326 displays 133, 20 and 33-fold selectivity over PI3K $\beta$ , PI3K $\delta$  and PI3K $\gamma$ , respectively. GDC0326 inhibits MCF7-neo/HER2 and PC3 cells proliferation with IC<sub>50</sub> of 0.1  $\mu$ M and 2.2  $\mu$ M, respectively. GDC0326 reduces tumor growth as well as vascular area in vivo, also reduces the incidence of liver and lymph node metastasis.

## References

Heffron TP, et al. *J Med Chem.* 2016 Feb 11;59(3):985-1002.

Soler A, et al. *Clin Cancer Res.* 2016 Dec 1;22(23):5805-5817.

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

E-mail: tech@probechem.com