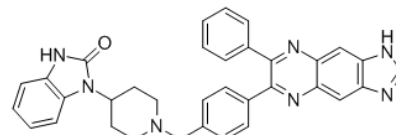


**Product Name** : AKT inhibitor VIII  
**Cat. No.** : PC-42550  
**CAS No.** : 612847-09-3  
**Molecular Formula** : C<sub>34</sub>H<sub>29</sub>N<sub>7</sub>O  
**Molecular Weight** : 551.6404  
**Target** : Akt  
**Solubility** : 10 mM in DMSO



## Biological Activity

AKT inhibitor VIII is a selective, allosteric **Akt** inhibitor with IC<sub>50</sub> of 58/210 for Akt1/2 respectively.

AKT inhibitor VIII shows weak activity for Akt3 (IC<sub>50</sub>=2.12 μM).

AKT inhibitor VIII inhibits basal and IGF stimulated Akt1 and Akt2 phosphorylation in mouse lung, with no effect on Akt3 phosphorylation.

## References

Lindsley, et al. *Bioorg. Med. Chem. Lett.* (2005), 15(3), 761-764.

Romorini L, et al. *Sci Rep.* 2016 Oct 20;6:35660.

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

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