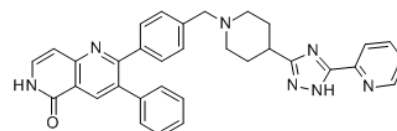


**Product Name** : Akt1/2-IN-17  
**Cat. No.** : PC-45876  
**CAS No.** : 893422-47-4  
**Molecular Formula** : C<sub>33</sub>H<sub>29</sub>N<sub>7</sub>O  
**Molecular Weight** : 539.6296  
**Target** : Akt  
**Solubility** : DMSO: ≥ 35 mg/mL



## Biological Activity

Akt1/2-IN-17 is a potent, selective dual **Akt1** and **Akt2** inhibitor with IC<sub>50</sub> of 3.5 nM and 42 nM, respectively. Akt1/2-IN-17 shows selectivity for Akt1/2 over Akt3 (IC<sub>50</sub>=1900 nM), and highly selective over other members of the AGC family of kinases.

Akt1/2-IN-17 inhibit the growth of A2780 tumors in vivo; shows good physical properties and PK profile.

## References

Bilodeau MT, et al. *Bioorg Med Chem Lett*. 2008 Jun 1;18(11):3178-82.

Li Y, et al. *Bioorg Med Chem Lett*. 2009 Feb 1;19(3):834-6.

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

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