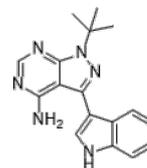


**Product Name** : 3-IN-PP1  
**Cat. No.** : PC-26294  
**CAS No.** : 2227110-54-3  
**Molecular Formula** : C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>  
**Molecular Weight** : 306.37  
**Target** : PKD  
**Solubility** : 10 mM in DMSO



## Biological Activity

3-IN-PP1 is a highly potent pan-protein kinase D (PKD) inhibitor with IC<sub>50</sub> of 108, 94 and 108 nM for PKD1, PKD2 and PKD3 respectively.

3-IN-PP1 (0-40 uM) inhibits PKD mediated phosphorylation of cortactin at Ser-298 in HEK293T cells co-transfected with FLAG-PRKD2 and myc-CTTN.

## References

Gilles P, et al. Eur J Med Chem. 2020 Nov 1;205:112638.

Klaas Verschueren, et al. Medchemcomm. 2017 Mar 1;8(3):640-646.

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

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