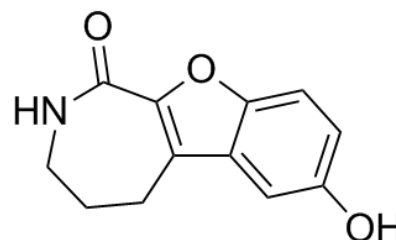


**Product Name** : CID755673  
**Cat. No.** : PC-42927  
**CAS No.** : 521937-07-5  
**Molecular Formula** : C<sub>12</sub>H<sub>11</sub>NO<sub>3</sub>  
**Molecular Weight** : 217.2206  
**Target** : PKD  
**Solubility** : DMSO: ≥ 40 mg/mL



### Biological Activity

The first potent and selective cell-active pan-PKD inhibitor with IC<sub>50</sub>s of 182/280/227 nM for PKD1/2/3 respectively; exhibits selectivity for PKD1 versus AKT, PLK1, CAK, CAMKII $\alpha$  and three PKC isoforms; blockes phorbol ester-induced endogenous PKD1 activation in LNCaP cells and inhibits prostate cancer cell proliferation, cell migration and invasion.

### References

- Sharlow ER, et al. J Biol Chem. 2008 Nov 28;283(48):33516-26.  
Torres-Marquez E, et al. Biochem Biophys Res Commun. 2010 Jan 1;391(1):63-8.  
Pilankatta R, et al. J Biol Chem. 2011 Mar 4;286(9):7389-96.

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

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