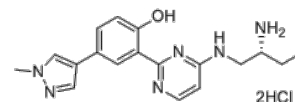


**Product Name** : CRT0066101  
**Cat. No.** : PC-60928  
**CAS No.** : 1883545-60-5  
**Molecular Formula** : C<sub>18</sub>H<sub>22</sub>N<sub>6</sub>O<sub>2</sub>HCl  
**Molecular Weight** : 411.33  
**Target** : PKD  
**Solubility** :



## Biological Activity

CRT0066101 (CRT-0066101) is a potent, specific, orally active **pan-PKD** (protein kinase D) inhibitor with biochemical IC<sub>50</sub> of 1, 2.5 and 2 nM for PKD1, 2, and 3 respectively; shows selectivity against a panel of > 90 protein kinases including PKC $\alpha$ /PKB $\alpha$ /MEK/ERK/c-Raf/c-Src/c-Abl; reduces bromodeoxyuridine incorporation, increases apoptosis, blocks neurotensin-induced PKD1/2 activation and reduces neurotensin-induced, PKD-mediated Hsp27 phosphorylation, attenuated PKD1-mediated NF-kappaB activation in pancreatic cancer cells; potently blocks tumor growth in vivo.

## References

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Borges S, et al. *Mol Cancer Ther.* 2015 Jun;14(6):1306-16.  
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**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com