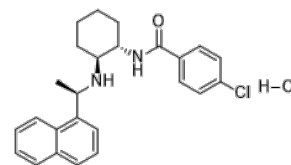


**Product Name** : Calhex231 hydrochloride  
**Cat. No.** : PC-25683  
**CAS No.** : 2387505-78-2  
**Molecular Formula** : C<sub>25</sub>H<sub>28</sub>Cl<sub>2</sub>N<sub>2</sub>O  
**Molecular Weight** : 443.41  
**Target** : Calcium-sensing Receptor (CaSR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Calhex231 hydrochloride is a potent negative allosteric modulator / antagonist of CaSR that blocks calcium-mediated activation with IC<sub>50</sub> of 0.39 uM.

Calhex-231 inhibits myocyte hyperpolarization to the CaSR activator calindol and R-568.

## References

Petrel C, et al. J Biol Chem. 2003 Dec 5;278(49):49487-94.

Weston AH, et al. Circ Res. 2005 Aug 19;97(4):391-8.

Kessler A, et al. J Med Chem. 2006 Aug 24;49(17):5119-28.

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

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