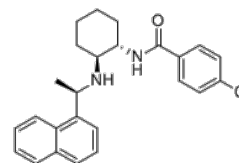


Product Name : Calhex-231
Cat. No. : PC-62905
CAS No. : 652973-93-8
Molecular Formula : C₂₅H₂₇ClN₂O
Molecular Weight : 406.954
Target : Calcium-sensing Receptor (CaSR)
Solubility : 10 mM in DMSO



Biological Activity

Calhex-231 is a potent negative allosteric modulator of **CaSR** that blocks calcium-mediated activation with IC₅₀ of 0.39 μM. 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!

E-mail: tech@probechem.com