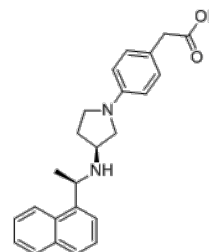


**Product Name** : Evocalcet  
**Cat. No.** : PC-21722  
**CAS No.** : 870964-67-3  
**Molecular Formula** : C<sub>24</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 374.48  
**Target** : Calcium-sensing Receptor (CaSR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Evocalcet (MT-4580/KHK7580) is a calcimimetic agent and next-generation, oral allosteric **CaSR** agonist with EC<sub>50</sub> of 93 nM (human CaSR).

Evocalcet (MT-4580/KHK7580) exhibits strong inhibition of rat PTH production with IC<sub>50</sub> of 30.8 nM.

Oral administration of Evocalcet (MT-4580/KHK7580) efficiently suppressed the secretion of parathyroid hormone (PTH) in rat model of CKD induced by 5/6 nephrectomy.

CYP2D6 inhibition observed in cinacalcet is completely solved in evocalcet.

### References

Kawata T, et al. *PLoS One*. 2018 Apr 3;13(4):e0195316.

Miyazaki H, et al. *Bioorg Med Chem Lett*. 2018 Jun 15;28(11):2055-2060.

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

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