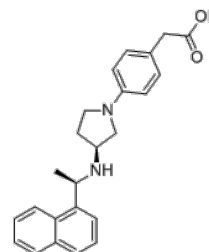

Product Name	: Evocalcet
Cat. No.	: PC-21722
CAS No.	: 870964-67-3
Molecular Formula	: C ₂₄ H ₂₆ N ₂ O ₂
Molecular Weight	: 374.48
Target	: Calcium-sensing Receptor (CaSR)
Solubility	: 10 mM in DMSO



Biological Activity

Evocalcet (MT-4580/KHK7580) is a calcimimetic agent and next-generation, oral allosteric CaSR agonist with EC₅₀ of 93 nM (human CaSR).

Evocalcet (MT-4580/KHK7580) exhibits strong inhibition of rat PTH production with IC₅₀ 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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