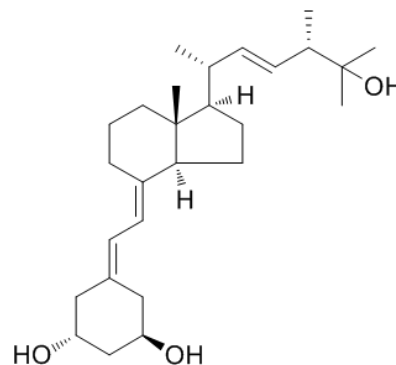


Product Name : Paricalcitol
Cat. No. : PC-45906
CAS No. : 131918-61-1
Molecular Formula : C₂₇H₄₄O₃
Molecular Weight : 416.6365
Target : Vitamin D Receptor (VDR)
Solubility : 10 mM in DMSO



Biological Activity

Paricalcitol is an analog of 1,25-dihydroxyergocalciferol that acts as a selective **vitamin D receptor (VDR)** activator. Paricalcitol significantly decreases parathyroid hormone levels with no changes in calcium and phosphorous. Paricalcitol also reduces serum concentrations of IL-6 and TNF- α compared to baseline; orally active.

References

- Donate-Correa J, et al. Nefrologia. 2017 Jun 13. pii: S0211-6995(17)30102-9.
Ritter C, et al. Kidney Int. 2017 Jul 24. pii: S0085-2538(17)30326-5.
Trohatou O, et al. J Cell Mol Med. 2017 Jun 29. doi: 10.1111/jcmm.13180.

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

E-mail: tech@probechem.com