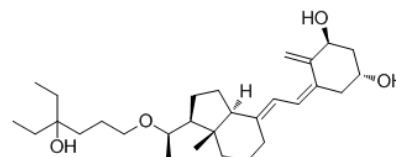


**Product Name** : Lexacalcitol  
**Cat. No.** : PC-45802  
**CAS No.** : 131875-08-6  
**Molecular Formula** : C<sub>29</sub>H<sub>48</sub>O<sub>4</sub>  
**Molecular Weight** : 460.689  
**Target** : Vitamin D Receptor (VDR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Aa potent 20-epi analogue of 1,25-dihydroxyvitamin D<sub>3</sub> that inhibits glucocorticoid-induced skin atrophy; stimulates the synthesis of sulphated glycosaminoglycans and hydroxyproline in skin treated with betamethasone; strongly stimulated the expression of TGF-beta 1 in betamethasone-impaired granulation tissue; a potent vitamin D receptor agonist.

## References

- Gniadecki R, et al. Br J Pharmacol. 1994 Oct;113(2):439-44.  
Gniadecki R, et al. J Endocrinol. 1994 Jun;141(3):411-5.  
Sandler S, et al. Immunol Lett. 1994 Jun;41(1):73-7.

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

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