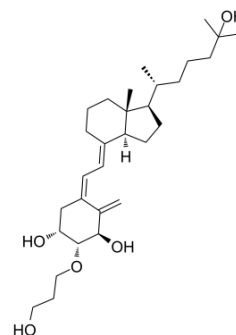


Eldecalcitol

Cat. No.:	HY-A0020
CAS No.:	104121-92-8
Molecular Formula:	C ₃₀ H ₅₀ O ₅
Molecular Weight:	490.72
Target:	VD/VDR
Pathway:	Vitamin D Related
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Eldecalcitol (ED-71) is an orally active analogue of active vitamin D used in the treatment of osteoporosis. Eldecalcitol (ED-71) possesses a strong inhibitory effect on bone resorption and causes a significant increase in bone mineral density^[1].

REFERENCES

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- [2]. Shiraki M, et al. Eldecalcitol normalizes bone turnover markers regardless of their pre-treatment levels. *Curr Med Res Opin.* 2012 Aug 23.
- [3]. Matsumoto T, Endo I. Eldecalcitol for the treatment of osteoporosis. *Drugs Today (Barc).* 2012 Mar;48(3):189-96.
- [4]. Sakai S, et al. Combination therapy with eldecalcitol and alendronate has therapeutic advantages over monotherapy by improving bone strength. *Bone.* 2012 May;50(5):1054-63. Epub 2012 Feb 17.
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Caution: Product has not been fully validated for medical applications. For research use only.

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