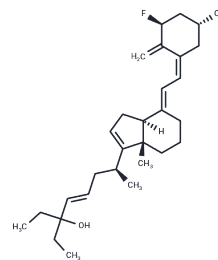


Elocalcitol

Chemical Properties

CAS No. :	199798-84-0
Formula:	C ₂₉ H ₄₃ FO ₂
Molecular Weight:	442.65
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Elocalcitol is a calcitriol analog for inhibition of prostate cell growth.
Targets(IC50)	Apoptosis,Others,Vitamin

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2591 mL	11.2956 mL	22.5912 mL
5 mM	0.4518 mL	2.2591 mL	4.5182 mL
10 mM	0.2259 mL	1.1296 mL	2.2591 mL
50 mM	0.0452 mL	0.2259 mL	0.4518 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Sayegh L, Fuleihan Gel-H, Nassar AH. Vitamin D in endometriosis: a causative or confounding factor? *Metabolism.* 2014 Jan;63(1):32-41. doi: 10.1016/j.metabol.2013.09.012. Epub 2013 Oct 14. Review. PubMed PMID: 24135500.

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