

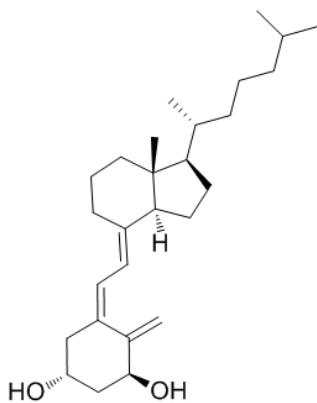
**Product Name** : Alfacalcidol  
**Cat. No.** : PC-42042  
**CAS No.** : 41294-56-8  
**Batch No.** : PC-4204201  
**Chemical Name** : 1,3-Cyclohexanediol, 5-[(2E)-2-[(1R,3aS,7aR)-1-[(1R)-1,5-dimethylhexyl]octahydro-7a-methyl-4H-inden-4-ylidene]ethylidene]-4-methylene-, (1R,3R)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 400.6371  
**Molecular Formula** :  $C_{27}H_{44}O_2$   
**Storage** : Powder
 

-20°C	3 years
4°C	2 years
In solvent	-80°C 6 months
	-20°C 1 month

**Chemical Structure** :



### ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

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

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