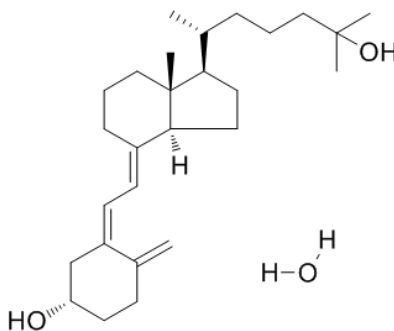


**Product Name** : Calcifediol monohydrate  
**Cat. No.** : PC-45810  
**CAS No.** : 63283-36-3  
**Batch No.** : PC-4581001  
**Chemical Name** : 1H-Indene-1-pentanol, 4-[(2Z)-2-[(5S)-5-hydroxy-2-methylenecyclohexylidene]ethylidene]octahydro- $\alpha,\alpha,\epsilon,7a$ -tetramethyl-, hydrate (1:1), ( $\epsilon R,1R,3aS,4E,7aR$ )-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 418.6523  
**Molecular Formula** : C<sub>27</sub>H<sub>46</sub>O<sub>3</sub>  
**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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