

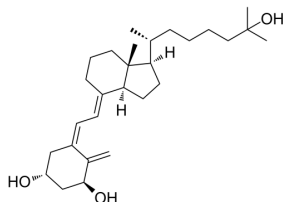
## Calcitriol Impurities D

Cat. No.: HY-77274  
CAS No.: 103656-40-2  
Batch No.: 09862  
Chemical Name: 1,3-Cyclohexanediol, 4-methylene-5-[(2E)-2-[(1R,3aS,7aR)-octahydro-1-[(1R)-6-hydroxy-1,6-dimethylheptyl]-7a-methyl-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5Z)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>28</sub>H<sub>46</sub>O<sub>3</sub>  
Molecular Weight: 430.66  
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)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 95.18%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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