

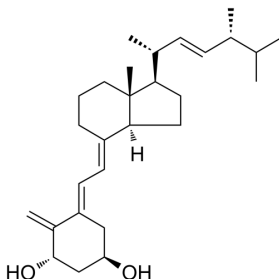
## trans-Doxercalciferol

Cat. No.: HY-75992  
 CAS No.: 74007-20-8  
 Batch No.: 03313  
 Chemical Name: 1,3-Cyclohexanediol, 4-methylene-5-[(2E)-2-[(1R,3aS,7aR)-octahydro-7a-methyl-1-[(1R,2E,4R)-1,4,5-trimethyl-2-hexen-1-yl]-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5E)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>28</sub>H<sub>44</sub>O<sub>2</sub>  
 Molecular Weight: 412.65  
 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: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (HPLC): 98.20%  
 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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