

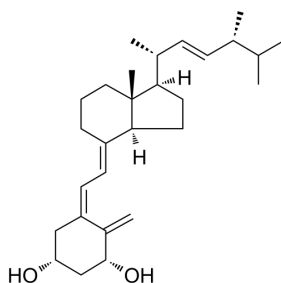
## Impurity of Doxercalciferol

Cat. No.: HY-76937  
 CAS No.: 127516-23-8  
 Batch No.: 32202  
 Chemical Name: 9,10-Secoergosta-5,7,10(19),22-tetraene-1,3-diol, (1 $\beta$ ,3 $\beta$ ,5Z,7E,22E)- (9CI)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>28</sub>H<sub>44</sub>O<sub>2</sub>  
 Molecular Weight: 412.65  
 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 off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (HPLC): 96.08%  
 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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