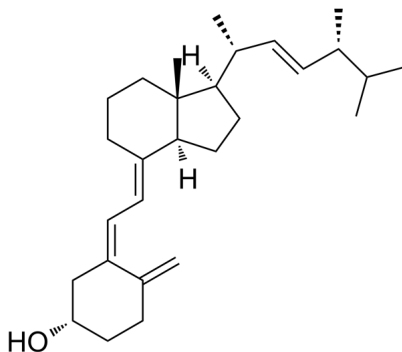


## Certificate of Analysis

Catalog Number	BP13207
Product Name	Vitamin D2

## Physical and Chemical Properties

Synonyms	Ergocalciferol, Calciferol, Ercalciol
CAS No.	50-14-6
Chemical Formula	C <sub>28</sub> H <sub>44</sub> O
Molecular Weight	396.659
Solubility	Ethanol: 74 mg/mL (186.6 mM) H <sub>2</sub> O: <1 mg/mL; DMSO: 16 mg/mL (40.3 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Ergocalciferol (Vitamin D <sub>2</sub> ) is a derivative of ergosterol formed by ultraviolet rays breaking of the C <sub>9</sub> -C <sub>10</sub> bond with a strong inhibitory effect against bladder tumor promotion by sodium saccharin, and it induces cell differentiation in leukemia cells. Vitamin D <sub>2</sub> is an inhibitor of DNA Polymerase.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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