

Product Name: Vitamin D3, 99%

Catalog Number: B22524.03

CAS Number: 67-97-0

IUPAC Name: (1S,3E)-3-{2-[(1R,3aS,4E,7aR)-7a-methyl-1-[(2R)-6-methylheptan-2-yl]-octahydro-1H-inden-4-ylidene]ethylidene}-4-methylidenecyclohexan-1-ol

Molecular Formula: C₂₇H₄₄O

Molecular Weight: 384.65

InChI Key: QYSXJUFSXHHAJI-FVUVGDFOSA-N

SMILES: CC(C)CCC[C@@H](C)[C@H]1CC[C@H]2C(CCC[C@]12C)=C\C=C1/C[C@@H](O)C
CC1=C

Synonym: cholecalciferol provitina delta-D cholecalciferol [usan:ban:jan] micro-dee provitamine
 cholecalciferol, D3 colecalciferol

Product Specification

Appearance (Color): White

Form: Crystals or powder or crystalline powder

Assay (HPLC): ≥98.5%

Identification (FTIR): Conforms

Optical Rotation: +108? ? 3? (c=0.8 in ethanol)

Melting Point (clear melt): 81-86°C

Date Of Print: 05/26/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.