

# Chem-Impex International, Inc.

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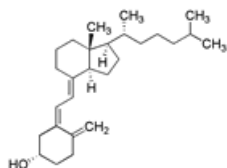
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	01551
<b>Product</b>	<b>Cholecalciferol</b> 7-Dehydrocholesterol activated (+)-Vitamin D3
<b>CAS Number</b>	67-97-0
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>44</sub> O
<b>Molecular Weight</b>	384.65

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<b>Appearance</b>	White to off-white crystals
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 105 - 112 ° (C=5 mg/mL in alcohol)
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Absorptivities at 265 ± 1 nm : ≤ 3%
<b>Purity by HPLC</b>	97 - 103%
<b>Purity by TLC</b>	To pass test
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Identification C : A bright red color is produced, and it rapidly changes through violet and blue to green.

**For Laboratory Use Only**