

# Cholecalciferol

## Catalog No: tcsc1179



### Available Sizes

**Size:** 100mg

**Size:** 1g

**Size:** 5g



### Specifications

**CAS No:**

67-97-0

**Formula:**

$C_{27}H_{44}O$

**Pathway:**

Vitamin D Related;Metabolic Enzyme/Protease

**Target:**

VD/VDR;Endogenous Metabolite

**Purity / Grade:**

>98%

**Solubility:**

H<sub>2</sub>O :

**Alternative Names:**

Vitamin D3;Colecalciferol

**Observed Molecular Weight:**

384.64

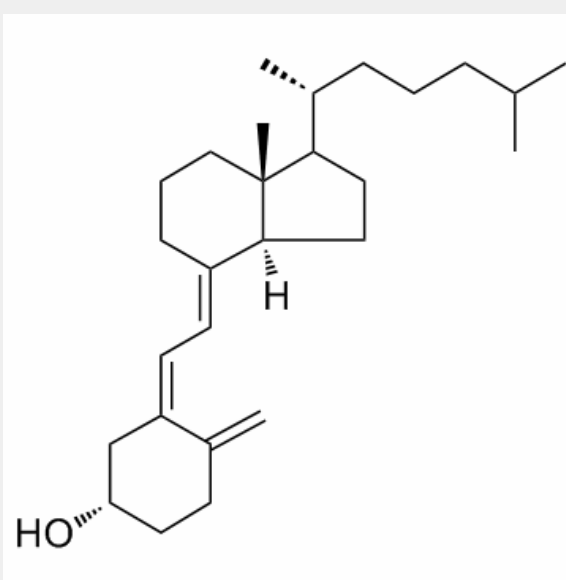
## Product Description

Cholecalciferol(Vitamin D3) is a naturally occurring form of vitamin D; Reported that upon metabolic activation, Cholecalciferol induces cell differentiation and prevents proliferation of cancer cells.

IC50 value:

Target:

Vitamin D acts through a receptor that is a member of the ligand-dependent transcription factor superfamily. Modulates the proliferation and differentiation of both normal and cancer cells. Has antiproliferative and antimetastatic effects on breast, colon, and prostate cancer cells. Activated vitamin D receptors in intestine and bone maintain calcium absorbance and homeostasis.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!