

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:

H2O :

Alternative Names:

Vitamin D3;Colecalciferol

Observed Molecular Weight:

384.64

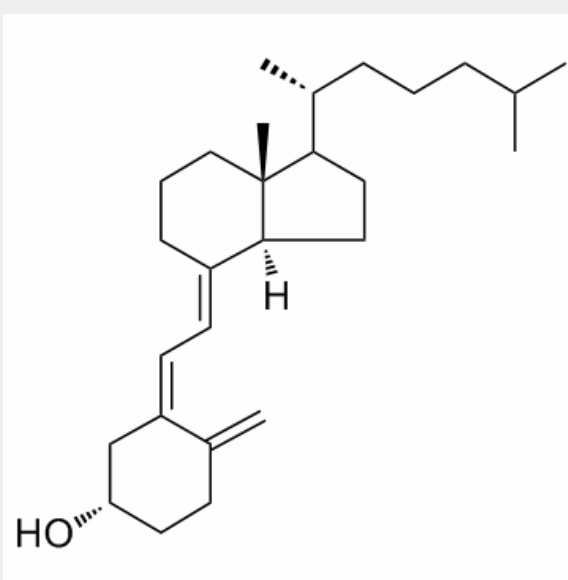
Product Description

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!