

Cholecalciferol

Cat. No. COEC-011

Lot. No. (See product label)

Introduction

Description

Cholecalciferol is a naturally occurring form of vitamin D. Reported that upon metabolic activation, Cholecalciferol induces cell differentiation and prevents proliferation of cancer cells. Cholecalciferol is an activator of VDR.

Applications

An unhydroxylated form of vitamin D3

Synonyms

Vitamin D3; Activated 7-dehydrocholesterol; Calcilol

Product Information

Appearance

Crystalline powder

Form

Solid

CAS No.

67-97-0

Molecular Formula

C₂₇H₄₄O

Molecular Weight

384.64

Purity

≥98%

Melting Point

83-86° C (lit.)

Boiling Point

496.4° C at 760 mmHg (Predicted)

Solubility

Soluble in 100% ethanol trimethyl pentane, fatty oils or acetone