

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; CalcioI

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