

钙三醇

中文名：钙三醇

英文名：calcitriol

CAS 号：32222-06-3

分子式：C₂₇H₄₄O₃

分子量：416.64

贮存条件 储存温度-20° C；贮藏条件下氩

描述

生化机理 Calcitriol(1,25-Dihydroxyvitamin D₃; Rocaltrol) is the hormonally active form of vitamin D.Active metabolite of vitamin D₃ that activates the vitamin D receptor (VDR).Calcitriol(1,25-Dihydroxyvitamin D₃; Rocaltrol) displays calcemic actions. Calcitriol stimulates intestinal and renal Ca²⁺ absorption and regulates bone Ca²⁺ turnover. Calcitriol (1,25-Dihydroxyvitamin D₃; Rocaltrol)exhibits antitumor activity; Calcitriol(1,25-Dihydroxyvitamin D₃; Rocaltrol) inhibits in vivo and in vitro cell proliferation in a wide range of cells including breast, prostate, colon, skin and brain carcinomas and myeloid leukemia cells.

别名 骨化三醇 二羟胆钙化醇 (5Z,7E)-(1S,3R)-9,10-开环胆甾-5,7,10(19)-三烯-1,3,25-三醇
1alpha,25-dihydroxycholecalciferol
(5z,7e)-(1s,3r)-9,10-secocholesta-5,7,10(19)-triene-1,3,25-triol 1 α ,25-Dihydroxyvitamin D₃

