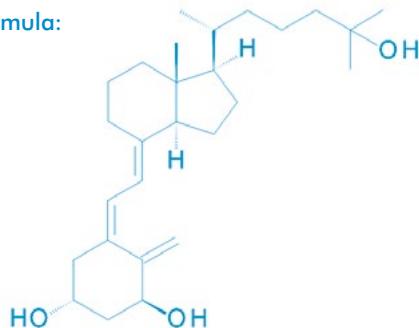


Calcitriol is a vitamin D3 analog for the Pharmaceutical and Veterinary industry. Calcitriol is especially used to prevent and treat osteoporosis or decalcification of bones. The substance is also active against other bone growth disorders such as osteomalacia, rickets and specific liver and parathyroid glands abnormalities. It is also used for the treatment and prevention of secondary hyperparathyroidism associated with chronic kidney disease (CKD).

CARBOGEN AMCIS manufactures this API under cGMP regime at its HIPO manufacturing facility in Veenendaal, the Netherlands.

Specification: Chemical name: Calcitriol; 1 α ,25-dihydroxycholecalciferol; 1 α ,25-dihydroxyvitamin D3; 1,25 DHCC
Content Calcitriol (HPLC) is 97.0-102.0%
CAS 32222-06-3

• Structural formula:



CAS no. 32222-06-3

Toxic classification: Very toxic (category T+). Before handling this substance, read the special directions on the label and Safety Data Sheet (available upon request).

Regulatory: CEP/CoS and DMF available.

Application: Pharmaceutical and Veterinary industry. Suitable for drug formulation including tablets, injectables, oral solutions and soft gel capsules.

ARS - Working Standard

Calcitriol – **CAS no.** 32222-06-3

Available Impurities

Impurity A (trans-Calcitriol) – **CAS no.** 73837-24-8

Impurity B (1 β -Calcitriol) – **CAS no.** 66791-71-7

Impurity C ((Phenyl)triazoline adduct of pre-Calcitriol) – **CAS no.** 86307-44-0



BRINGING
YOUR
SCIENCE
TO LIFE

CARBOGEN AMCIS B.V.
Nieuweweg 2a, 3901 BE Veenendaal
The Netherlands
Tel: +31 318 545 754
edo.pieters@carbogen-amcis.com
www.carbogen-amcis.com

CARBOGEN AMCIS is a leading service provider, offering a portfolio of drug-development and commercialization services to the pharmaceutical and biopharmaceutical industry at all stages of drug development. The integrated services provide innovative chemistry solutions to support timely and safe drug development allowing customers to make the best use of available resources. CARBOGEN AMCIS is also active in the marketing/sales and manufacture of Vitamin D analogues, Vitamin D, Cholesterol and Lanolin related products for key markets as pharmaceutical, cosmetic, food, feed as well as industry applications.

CARBOGEN (word), AMCIS (word), CARBOGEN AMCIS (word) and AG (logo) are trademarks owned or licensed by Dishman Carbogen Amcis Limited and all rights are reserved.

The contents of this publication are presented for informational purposes only and, while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability.

© 2026 CARBOGEN AMCIS