Calcifediol

Prehormone that is produced in the liver by hydroxylation of vitamin D3 (cholecalciferol) by the enzyme cholecalciferol 25-hydroxylase.

Product Description

Catalog #: LSK560, 5mg
Name: Calcifediol
CAS [19356-17-3]
MW: 400.64
Formula: C_{27}H_{44}O_{2}
Synonyms: (3β,5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-3,25-diol; 25-Hydroxycholecalciferol; 25-Hydroxyvitamin D; 25-Hydroxyvitamin D3; Calcidiol; Didrogyl; Hidroferol; Ro 8-8892
Solubility: Chloroform (Slightly), Ethyl Acetate (Slightly)
Storage: Store in a tightly closed container, in a cool and dry place.

General informations

Calcifediol (25-hydroxy Vitamin D3) is a prehormone that is produced in the liver by hydroxylation of vitamin D3 (cholecalciferol) by the enzyme cholecalciferol 25-hydroxylase.

Target: This metabolite is being measured by physicians worldwide to determine a patient's vitamin D status. Calcifediol is then converted in the kidneys (by the enzyme 25(OH)D-1α-hydroxylase) into calcitriol (1,25-(OH)_{2}D_{3}), a secosteroid hormone that is the active form of vitamin D. It can also be converted into 24-hydroxycalcidiol in the kidneys via 24-hydroxylation.

References

Ordering information

Catalog size quantities and prices may be found at [http://www.interchim.com](http://www.interchim.com).

Please inquire for higher quantities (availability, shipment conditions).

Please contact InterBioTech – Interchim for any other information
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