



## 17,20(z)-dehydro Vitamin D Analogs And Their Uses

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### The Invention

This invention discloses 17,20(Z)-dehydro vitamin D analogs, and specifically 17(Z)-1 $\alpha$ ,25-dihydroxy-17(20)-dehydro-2-methylene-19-nor-vitamin D3 and pharmaceutical uses therefor. This compound exhibits pronounced activity in arresting the proliferation of undifferentiated cells and inducing their differentiation to the monocyte thus evidencing use as an anti-cancer agent and for the treatment of skin diseases such as psoriasis as well as skin conditions such as wrinkles, slack skin, dry skin and insufficient sebum secretion. This compound also may be used to treat autoimmune disorders and inflammatory diseases in humans as well as renal osteodystrophy and obesity. This compound also has significant calcemic activity making it a therapeutic agent for the treatment or prophylaxis of osteoporosis, osteomalacia, renal osteodystrophy and hypoparathyroidism.

### Additional Information

#### For More Information About the Inventors

- [Margaret Clagett-Dame](#)

#### Tech Fields

- [Therapeutics & Vaccines : Vitamin D](#)

For current licensing status, please contact Rafael Diaz at [rdiaz@warf.org](mailto:rdiaz@warf.org) or 608-960-9847