

Title (en)
VITAMIN D 3? ANALOGUES AND PATHWAY TO MEDIATE DISORDERS

Title (de)
VITAMIN D3-ANALOGA UND WEG ZUR VERMITTLUNG VON ERKRANKUNGEN

Title (fr)
ANALOGUES DE VITAMINES D 3? ET VOIE INDUISANT DES TROUBLES

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Abstract (en)
[origin: WO9517197A1] Methods for controlling genomic and nongenomic cellular responses which are mediated by 1 alpha ,25-(OH)2 vitamin D3[1 alpha ,25-(OH)2D3]. The method involves treating cells which exhibit nongenomic responses to 1 alpha ,25-(OH)2D3 with the vitamin C3 analogues 1,25(OH)2-previtamin D3 or 1 beta ,25-(OH)2 vitamin D3 [1 beta ,25-(OH)2D3]. The 1,25(OH)2-previtamin D3 functions as an agonist to promote the cellular response while the 1 beta ,25-(OH)2D3 functions as an antagonist. Transcaltachia is one of the nongenomic responses which is affected and can be controlled by administration of 1,25(OH)2-previtamin D3 or 1 beta ,25-(OH)2D3. Fifteen additional analogues are disclosed which may be used to control genomic and/or nongenomic cellular responses.

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