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(54) Title: VITAMIN D ANALOG: RAK, METHODS AND USES THEREOF

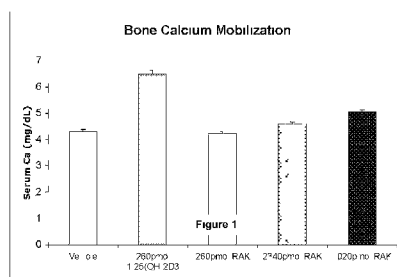
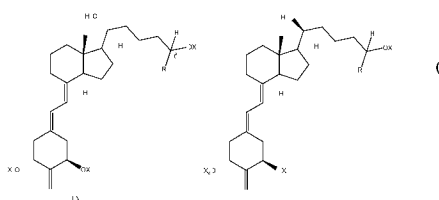


FIG 2

(57) Abstract: Compounds of formula (IA) or (IB) are provided where X_1 , X_2 and X_3 are independently selected from H or hydroxy protecting groups and R_1 is selected from straight or branched chain alkyl groups having from 1 to 8 carbon atoms; straight or branched chain alkenyl groups having from 2 to 8 carbon atoms; straight or branched chain hydroxy-substituted alkyl groups having from 1 to 8 carbon atoms; straight and branched chain hydroxy-substituted alkenyl groups having from 2 to 8 carbon atoms. Such compounds are used in preparing pharmaceutical compositions and are useful in treating a variety of biological conditions.



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