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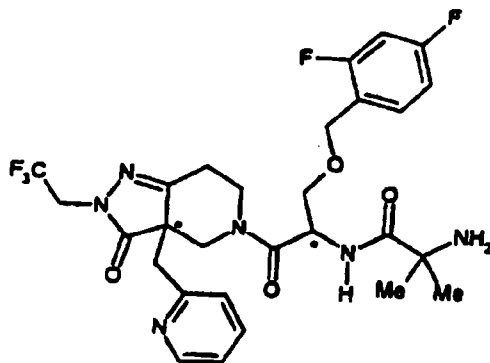
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(21) International Application Number: PCT/IB98/00874 (22) International Filing Date: 5 June 1998 (05.06.98) (30) Priority Data: 60/050,723 25 June 1997 (25.06.97) US (71) Applicant (for all designated States except US): PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CARPINO, Philip, Albert [US/US]; 50 Meridian Street, No. 2, Groton, CT 06340 (US). DASILVA-JARDINE, Paul, Andrew [GY/US]; 89 Angell Street, Providence, RI 02906 (US). LEFKER, Bruce, Allen [US/US]; 21 Eagle Ridge Drive, Gales Ferry, CT 06335 (US). MURRY, Jerry, Anthony [US/US]; 404 Tater Hill Road, East Haddam, CT 06423 (US). (74) Agents: SPIEGEL, Allen, J. et al.; Green, Mark, Charles, Urquhart-Dykes & Lord, 91 Wimpole Street, London W1M 8AH (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>	



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(54) Title: TARTRATE SALT OF A SUBSTITUTED DIPEPTIDE AS GROWTH HORMONE SECRETAGOGUE

(L)

(57) Abstract

This invention is directed to the (L)-tartaric acid salt of 2-amino-N-(1- (2,4-difluoro-benzyloxymethyl)-2-oxo-2-[3-oxo-3a-pyridin-2-ylmethyl]-2- (2,2,2-trifluoroethyl)-2,3,3a, 4,6,7-hexahydro-pyrazolo[4,3-c] pyridin-5-yl]-ethyl)-2-methyl-propionamide which is a growth hormone secretagogue and as such is useful for increasing the level of endogenous growth hormone. In another aspect, this invention provides certain intermediates which are useful in the synthesis of the foregoing compound. The (L)-tartaric acid salt of the compound of this invention is useful for the treatment and/or prevention of osteoporosis, insulin resistance and other conditions or diseases associated with growth hormone deficiency. The (L)-tartaric acid salt of the compound of the present invention is also useful in treating osteoporosis when used in combination with: a bisphosphonate compound; estrogen, Premarin, and optionally progesterone; an estrogen agonist or antagonist; or calcitonin. Further, the present invention is directed to pharmaceutical compositions. This invention is further directed to methods comprising administering to a human or other animal a combination of an alpha-2 adrenergic agonist and the (L)-tartaric acid salt of the compound of this invention.



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