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ACTION

(54) Title: GROWTH HORMONE RELEASING PEPTIDES

(57) Abstract: Disclosed are peptide and peptidomimetic compounds generally according to formula (I), and pharmaceutically acceptable salts thereof, that are useful as GHRP analogs: R¹-A²-A³-A⁴-A⁵-R² (I) or a pharmaceutically acceptable salt thereof, wherein: A¹ is Aib, Apc or Inp; A² is D-Bal, D-Bip, D-Bpa, D-Dip, D-1Nal, D-2Nal, D-Ser(Bzl), or D-Trp; A³ is D-Bal, D-Bip, D-Bpa, D-Dip, D-1Nal, D-2Nal, D-Ser(Bzl), or D-Trp; A⁴ is 2Fua, Orn, 2Pal, 3Pal, 4Pal, Pif, Phe, Pim, Taz, 2Thi, 3Thi, Thr(Bzl); A⁵ is Apc, Dab, Dap, Lys, Orn, or deleted; R¹ is hydrogen, (C1-6)alkyl, (C5-14)aryl, (C1-6)alkyl(C5-14)aryl, (C3-8)cycloalkyl, or (C2-10)acyl; and R² is OH or NH₂; and pharmaceutical compositions and methods of use thereof.

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