

(19) World Intellectual Property Organization
International Bureau



162162

(43) International Publication Date
20 December 2001 (20.12.2001)

PCT

(10) International Publication Number
WO 01/96300 A1

(51) International Patent Classification⁷: C07D 209/20,
401/14, 401/12, A61K 31/405 // (C07D 401/12, 211:00,
209:00)

(21) International Application Number: PCT/EP01/06717

(22) International Filing Date: 13 June 2001 (13.06.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/211,326 13 June 2000 (13.06.2000) US
60/234,928 26 September 2000 (26.09.2000) US

(71) Applicant: ZENTARIS AG [DE/DE]; Weissmüllerstrasse
45, 60314 Frankfurt/Main (DE).

(72) Inventors: MARTINEZ, Jean; Chemin des Romaines,
F-34570 Saussan (FR). FEHRENTZ, Jean-Alain; Rue
des Saladelles, F-34400 St. Nazaire de Pezan (FR).
GUERLAVAIS, Vincent; 58, rue des Gabares Bat. B,
F-34000 Montpellier (FR).

(74) Agents: DIEHL, Hermann, O., Th. et al.; Augusten-
strasse 46, 80333 München (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, 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, TR), OAPI patent (BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

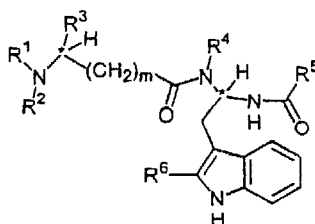
- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.



G00002

(54) Title: GROWTH HORMONE SECRETAGOGUES



(I)

(57) Abstract: The invention relates to compounds of formula (I) which are useful for elevating the plasma level of growth hormone in a mammal as well as for the treatment of growth hormone secretion deficiency, growth retardation in child and metabolic disorders associated with growth hormone secretion deficiency.