PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 38/05 — A1

(11) International Publication Number: WO 99/08699

(43) International Publication Date: 25 February 1999 (25.02.99)

(21) International Application Number: PCT/US98/17229

(22) International Filing Date: 19 August 1998 (19.08.98)

(30) Priority Data:
60/056,142 19 August 1997 (19.08.97) US

(71) Applicant *(for all designated States except US)*: ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: DODGE, Jeffrey, Alan [US/US]; 11134 Indian Lake Boulevard, Indianapolis, IN 46236 (US). HAUSER, Kenneth, Lee [US/US]; 700 Kirkwood Drive, Greencastle, IN 46135 (US). HEIMAN, Mark, Louis [US/US]; 7523 Brookview Circle, Indianapolis, IN 46250 (US). JONES, Scott, Alan [US/US]; 731–B East McCarty Street, Carmel, IN 46203 (US). ALT, Charles, Arthur [US/US]; 6366 Deerstand Road, Greenwood, IN 46143 (US). BRYANT, Henry, Uhlman [US/US]; 7840 Camelback Drive, Indianapolis, IN 46250 (US). COHEN, Jeffrey, Daniel [US/US]; 1411 Shawnee Road, Indianapolis, IN 46260 (US). COPP, James, Densmore [US/US]; 1430 South Runyon Road, Greewood, IN 46143 (US). FAHEY, Kennan, Joseph [US/US]; 5047 Bird Branch Drive, Indianapolis, IN 46268 (US). GRITTON, William, Harlan [US/US]; Apartment D, 7417 Aruba Lane, Indianapolis, IN 46214 (US). JUNGHEIM, Louis, Nickolaus [US/US]; 8218 Meadowbrook Drive, Indianapolis, IN 46240 (US). KENNEDY, Joseph, Henry [US/US]; Route 1, Clarks Hill, IN 47930 (US). LUGAR, Charles, Willis, III [US/US]; 13100 Highland Springs Court, McCordsville, IN 46055 (US). MUEHL, Brian, Stephen [US/US]; 940 Country Lane, Indianapolis, IN 46217 (US). PALKOWITZ, Alan, David [US/US]; 10737 Kingsmill Drive, Carmel, IN 46032 (US). RATZ, Andrew, Michael [US/US]; 225 Southwind Way, Greenwood, IN 46142 (US). RHODES, Gary, Anthony [US/US]; 6273 Twyckenham, Indianapolis, IN 46236 (US). ROBEY, Robert, Lewis [US/US]; 4831 Brentridge Parkway, Greenwood, IN 46143 (US). SEYLER, David, Edward [US/US]; 830 Oak Boulevard, Greenfield, IN 46140 (US). SHEPHERD, Timothy, Alan [US/US]; 8463 Slippery Elm Court, Indianapolis, IN 46227 (US). THRASHER, Kenneth, Jeff [US/US]; 8660 Count Turf Court, Indianapolis, IN 46217 (US). TRANKLE, William, George [US/US]; 33 South Walnut Street, Southport, IN 46227 (US).

(74) Agents: STRODE, Janelle, D. et al.; Eli Lilly and Compagny, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(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, GM, HR, 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, 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 the receipt of amendments.

(54) Title: GROWTH HORMONE SECRETAGOGUES

(57) Abstract

This invention relates to novel compounds which are useful in the modulation of endogenous growth hormone levels in a mammal. The invention further relates to novel intermediates for use in the synthesis of said compounds, as well as novel processes employed in these syntheses. Also included are methods of treating a mammal which include the administration of said compounds.