990/054-6
1POS

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07D 487/04, A61K 31/55 // (C07D 487/04, 243:00, 209:00) — A1

(11) International Publication Number: **WO 98/20011**

(43) International Publication Date: 14 May 1998 (14.05.98)

(21) International Application Number: PCT/US97/18918

(22) International Filing Date: 22 October 1997 (22.10.97)

(30) Priority Data:
08/743,443 1 November 1996 (01.11.96) US

(71) Applicant: AMERICAN HOME PRODUCTS CORPORATION [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) Inventors: (1) TRYBULSKI, Eugene, John; 5 Lee Court, Princeton Junction, NJ 08550 (US). (2) MOLINARI, Albert, John; 1506 Johnathan Court, Princeton, NJ 08540 (US). (3) BAGLI, Jehan, Framroz; 61 Sayre Drive, Princeton, NJ 08540 (US). (4) ASHWELL, Mark, Anthony; 1015 Aspen Drive, Plainsboro, NJ 08536 (US). (5) CAGGIANO, Thomas, Joseph; 850 Stockham Avenue, Morrisville, PA 19067 (US).

(74) Agents: ALICE, Ronald, W.; American Home Products Corporation, Patent Law Dept. – 2B, One Campus Drive, Parsippany, NJ 07054 (US) et al.

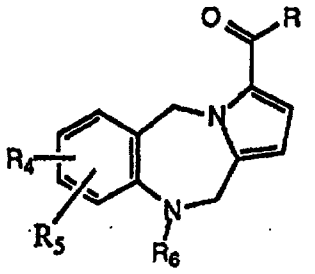
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, 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
With international search report.

(54) Title: 3-CARBOXAMIDE DERIVATIVES OF 5H-PYRROLO[2,1-c][1,4]-BENZODIAZEPINES

(57) Abstract

This invention relates to tricyclic non-peptide vasopressin antagonists which are useful in treating conditions where decreased vasopressin levels are desired, such as in congestive heart failure, in disease conditions with excess renal water reabsorption and in conditions with increased vascular resistance and coronary vasoconstriction, the compounds having general structure (I).



(I)