

200 2032 878

04 JUN 2002

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 June 2001 (21.06.2001)

PCT

(10) International Publication Number
WO 01/44254 A1

(51) International Patent Classification⁷: C07F 7/18, C07D 333/22, C07C 69/83, 69/75, A61K 31/00, 31/695

(74) Agents: JUMP, Timothy, John, Simon et al.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

(21) International Application Number: PCT/GB00/04868

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(22) International Filing Date:
18 December 2000 (18.12.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
9929702.0 16 December 1999 (16.12.1999) GB

(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).

(71) Applicant (*for all designated States except US*): **CHAR-TERHOUSE THERAPEUTICS LTD.** [GB/GB]; 15 City Business Centre, Hyde Street, Winchester, Hampshire SO23 7TA (GB).

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.

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ROBERTS, Stanley, Michael** [GB/GB]; Knowles Cottage, The Parade, Parkgate, Cheshire CH64 6RN (GB). **SANTORO, Maria, Gabriella** [IT/IT]; Via Vasto, 8, I-83100 Avellino (IT). **ÄNGGÅRD, Eric, Emil** [SE/SE]; Tennes, Marsh Baldon, Oxford OX44 9LS (GB).

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



162162



ACTION

WO 01/44254 A1

(54) Title: CYCLOPENTENEONE DERIVATIVES

(57) Abstract: A compound having a cyclopent-2-ene-1-one ring and also having a double bond directly attached to the ring (in addition to the C=O bond of the cyclopent-2-ene-1-one ring) may be useful in treating various disorders, including viral disorders, cancers, inflammatory disorders, etc.