23/05/02

20020311193

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
7 June 2001 (07.06.2001)

PCT

(10) International Publication Number
WO 01/40232 A1

(51) International Patent Classification[7]: C07D 487/22, C07K 14/795, C07H 15/26, A61K 49/00, 41/00, C12P 17/18, A61K 31/555, 31/40, A61P 33/00 // (C07D 487/22, 257:00, 209:00, 209:00, 209:00, 209:00)

(21) International Application Number: PCT/IL00/00811

(22) International Filing Date: 1 December 2000 (01.12.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
133253 1 December 1999 (01.12.1999) IL

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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, 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, MZ, 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.

(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 "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



162162



ACTION

WO 01/40232 A1

(54) Title: CHLOROPHYLL AND BACTERIOCHLOROPHYLL ESTERS, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM

(57) Abstract: Novel C-13^2-COXR$_1$, C-17^2-COXR$_2$ and C-13^2-COXR$_1$, C-17^2-COXR$_1$ derivatives of chlorophyll and bacteriochlorophyll compounds are provided wherein X is O, S or N and R$_1$ and R$_2$, the same or different, may be an optionally substituted hydrocarbyl, amino acid, peptide, protein or saccharide radical. The compounds are for use in photodynamic therapy (PDT), for diagnosis of tumors, and for killing cells and infectious agents such as bacteria and virus, both in biological products and in living tissues.