

(19) World Intellectual Property Organization
International Bureau



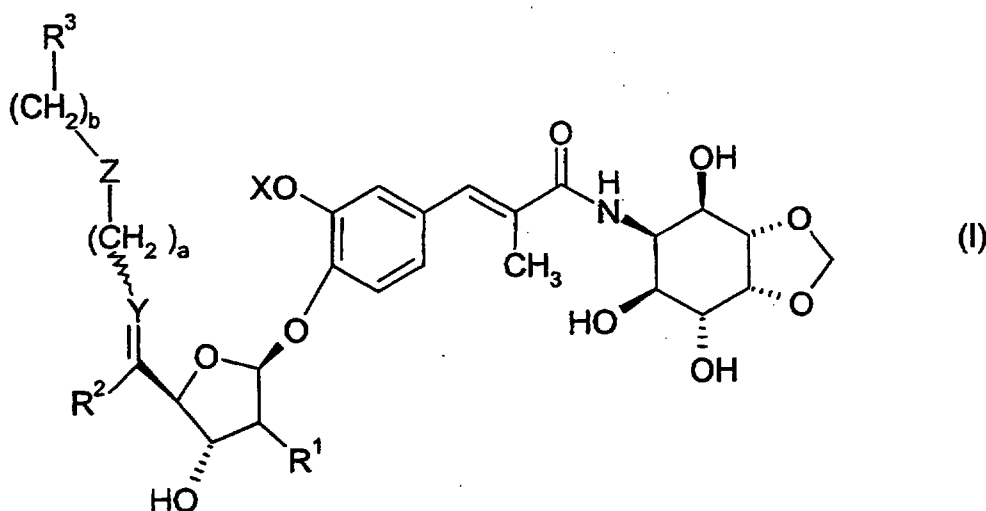
(43) International Publication Date
3 May 2001 (03.05.2001)

PCT

(10) International Publication Number
WO 01/30793 A1

- (51) International Patent Classification⁷: **C07H 15/203**, (74) Agents: **SPIEGEL, Allen, J. et al.**; Pfizer Inc., 235 East A61K 31/7034, A61P 31/04, 33/02 42nd Street, New York, NY 10017 (US).
- (21) International Application Number: **PCT/IB00/01390** (81) Designated States (*national*): AE, 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, 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.
- (22) International Filing Date: 28 September 2000 (28.09.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/162,722 29 October 1999 (29.10.1999) US
- (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), 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*): **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
- Published:
— With international search report.
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **KANEKO, Takushi** [JP/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US).
- 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.*

(54) Title: **HYGROMYCIN A PRODRUGS**



(57) Abstract: This invention relates to compounds of formula (I) and to pharmaceutically acceptable salts and solvates thereof, wherein a, b, X, Y, Z, R¹, R², and R³ are as defined herein. The compounds of formula (I) are antibacterial and antiprotozoal agents that may be used to treat various bacterial and protozoal infections and disorders related to such infections. The invention also relates to pharmaceutical compositions containing the compounds of formula (I) and to methods of treating bacterial and protozoal infections by administering the compounds of formula (I).

WO 01/30793 A1