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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 March 2006 (16.03.2006)

PCT

(10) International Publication Number
WO 2006/026922 A1

(51) International Patent Classification[7]: A61K 47/02, 9/20, A61P 9/00

(21) International Application Number:
PCT/CN2005/001425

(22) International Filing Date:
8 September 2005 (08.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/935,899 8 September 2004 (08.09.2004) US

(71) Applicant *(for all designated States except US)*: **THE CHINESE UNIVERSITY OF HONG KONG** [CN/CN]; Shatin, N.T., Hong Kong SAR (CN).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHOW, Sing, Sum, Moses** [US/US]; Highwood Dr. S., Glastonbury, CT 06073 (US). **WANG, Yan-Feng** [CN/CN]; B412, Postgraduate Hall 1, CUHK, Shatin N.T., Hong Kong (CN). **ZUO, Zhong, Joan** [CA/CN]; Flat 5A, Residence 13, CUHK, Shatin, N.T., Hong Hong (CN).

(74) Agent: **INSIGHT INTERNATIONAL PROPERTY LIMITED**; Suite 501, Zhongyang Building, No. 27A,, Zhongguancun Nandajie, Haidian District, 100081 Beijing (CN).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

Published:
— *with international search report*

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:** METHOD OF ENHANCING ABSORPTIONS OF TRANSMUCOSAL ADMINISTRATION FORMULATIONS

(57) **Abstract:** A method for enhancing absorption of a medicament that is suitable for administering transmucosally to a subject by providing an environment of the administration with a suitable pH. And a medicament of propranolol, suitably administered sublingually. The medicament of propranolol can be used for treating cardiovascular diseases.

WO 2006/026922 A1