



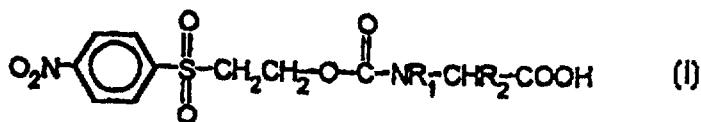
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 317/18	A1	(11) International Publication Number: WO 98/17638 (43) International Publication Date: 30 April 1998 (30.04.98)
(21) International Application Number: PCT/KR96/00179 (22) International Filing Date: 19 October 1996 (19.10.96) (71) Applicant (for all designated States except US): HYUNDAI PHARM. IND. CO., LTD. [KR/KR]; 1110-2, Hwagok-dong, Gangseu-gu, Seoul 157-019 (KR). (72) Inventors; and (75) Inventors/Applicants (for US only): SAMUKOV, Vladimir V. [RU/RU]; Apartment 49, Koltsovo, 23, Novosibirsk Reg., 633159 (RU). SABIROV, Aydar N. [RU/RU]; Apartment 70, Koltsovo, 9, Novosibirsk Reg., 633159 (RU). POZD-NYAKOV, Pavel I. [RU/RU]; Apartment 47, Koltsovo, 1, Novosibirsk Reg., 633159 (RU). KIM, Hack-Joo [KR/KR]; 141-33, Seongsan 2-dong, Mapo-gu, Seoul 121-252 (KR). KIM, Young-Deug [KR/KR]; Kyungsin Apartment Na-510, 64, Misan-dong, Sihung, Kyungkido 429-050 (KR). (74) Agent: PARK, Sa-Ryong; 301, Cheongho Building, 823-5, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).		(81) Designated States: AU, CA, CN, CZ, FI, HU, JP, KR, NO, PL, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: **N_α-2-(4-NITROPHENYLSULFONYL)ETHOXYCARBONYL-AMINO ACIDS**

(57) Abstract

Protected amino acid derivatives of general formula (I) wherein R₁ represent hydrogen atom, and R₂ may represent hydroxymethyl,



1-hydroxyethyl, 4-hydroxybenzyl, imidazolyl-2-methyl, benzyloxymethyl, 1-benzyloxyethyl, 4-benzyloxybenzyl, benzyloxycarbonylmethyl, 2-(benzyloxycarbonyl)ethyl, S-benzylthiomethyl, S-(diphenylmethyl)thiomethyl, 4-(benzyloxycarbamido)butyl, 3-guanidinopropyl, 3-(N^G-toluenesulfonyl)guanidinopropyl, 3-(N^G-nitro)guanidinopropyl, 3-[N^G-(4-methoxy-2,3,6-trimethylbenzenesulfonyl)]-guanidinopropyl, N-(4,4'-dimethoxybenzhydryl)carboxamidomethyl, 2-[N-(4,4'-dimethoxybenzhydryl)carboxamido]ethyl, S-tert-butylthiomethyl, 4-[2-(4-nitrophenylsulfonyl)ethoxycarbamido]-butyl, propyl, butyl, ethyl, 3-(benzyloxycarbamido)propyl, or 3-(tert-butoxycarbamido)propyl. Methods for the preparation of said derivatives are provided.