PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5 :		(11) International Publication Number:
C07K 7/10, A61K 37/02	A1	WO 93/10146
		(43) International Publication Date: 27 May 1993 (27.05.93)

(21) International Application Number: PCT/US92/09842

(22) International Filing Date: 19 November 1992 (19.11.92)

(30) Priority data:
794,266 19 November 1991 (19.11.91) US

(71) Applicant: AMYLIN PHARMACEUTICALS, INC. [US/US]; 9373 Towne Centre Drive, San Diego, CA 92121 (US).

(72) Inventors: GAETA, Laura, S., L. ; 3226 Rim Rock Circle, Olivenhain, CA 92024 (US). JONES, Howard ; 16870 St. James Drive, Poway, CA 92064 (US). ALBRECHT, Elisabeth ; 10540 Bannister Way, San Diego, CA 92126 (US).

(74) Agents: DUFT, Bradford, J. et al.; Lyon & Lyon, 611 West Sixth Street, 34th Floor, Los Angeles, CA 90017 (US).

(81) Designated States: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, 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 the receipt of amendments.

(54) Title: AMYLIN AGONIST PEPTIDES AND USES THEREFOR



^{1}Lys-Cys-Asn-Thr-^{5}Ala-Thr-Cys-Ala-Thr-^{10}Gln-Arg-Leu-Ala-Asn-^{15}Phe-Leu-Val-His-Ser-^{20}Ser-Asn-Asn-Phe-Gly-^{25}Ala-Ile-Leu-Ser-Ser-^{30}Thr-Asn-Val-Gly-Ser-^{35}Asn-Thr-Tyr-NH_2

(57) Abstract

Agonist analogues of amylin and related pharmaceutical compositions, and methods of treatment of diabetes and other insulin-requiring states, as well as methods of treatment of hypoglycemia, are provided.