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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 December 2009 (23.12.2009)

PCT

(10) International Publication Number
WO 2009/155258 A3

(51) International Patent Classification:
A61K 38/00 (2006.01)

(21) International Application Number:
PCT/US2009/047438

(22) International Filing Date:
16 June 2009 (16.06.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/073,269	17 June 2008 (17.06.2008)	US
61/078,168	3 July 2008 (03.07.2008)	US
61/090,412	20 August 2008 (20.08.2008)	US
61/177,476	12 May 2009 (12.05.2009)	US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

[Continued on next page]

(54) Title: GLUCAGON/GLP-1 RECEPTOR CO-AGONISTS

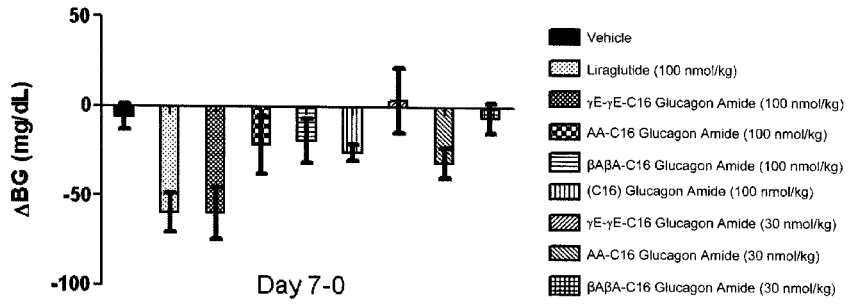


FIG. 24

(57) Abstract: Modified glucagon peptides are disclosed having enhanced potency at the glucagon receptor relative to native glucagon. Further modification of the glucagon peptides by forming intramolecular bridges or the substitution of the terminal carboxylic acid with an amide group produces peptides exhibiting glucagon/GLP- 1 receptor co-agonist activity. The solubility and stability of these high potency glucagon analogs can be further improved by modification of the polypeptides by pegylation, acylation, alkylation, substitution of carboxy terminal amino acids, C- terminal truncation, or the addition of a carboxy terminal peptide selected from the group consisting of SEQ ID NO: 26 (GPSSGAPPPS), SEQ ID NO: 27 (KRNRNNIA) and SEQ ID NO: 28 (KRNR).

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— *with sequence listing part of description (Rule 5.2(a))*

(88) Date of publication of the international search report:
18 February 2010