

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
4 January 2007 (04.01.2007)

PCT

(10) International Publication Number  
**WO 2007/002465 A3**

- (51) International Patent Classification:  
A61K 38/00 (2006.01) A61K 9/12 (2006.01)
- (21) International Application Number:  
PCT/US2006/024576
- (22) International Filing Date: 23 June 2006 (23.06.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/693,089 23 June 2005 (23.06.2005) US
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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, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, 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).

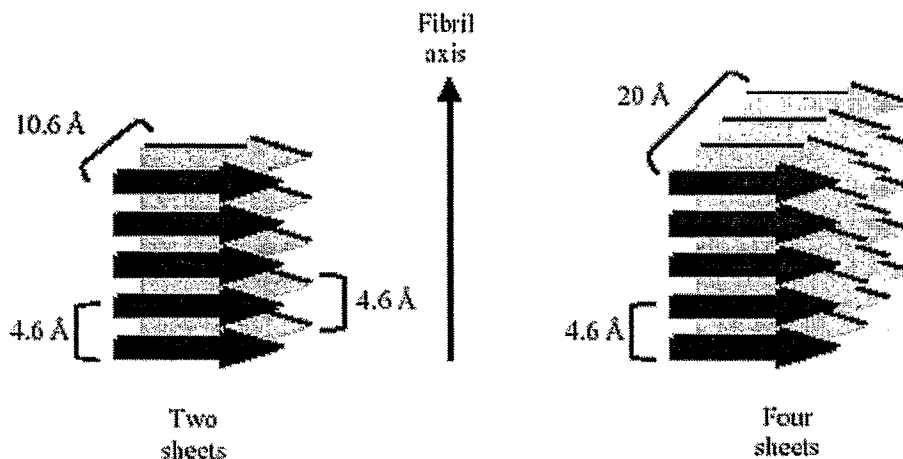
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

**Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

- (88) Date of publication of the international search report:  
4 October 2007

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: STABILIZING ALKYLGLYCOSIDE COMPOSITIONS AND METHODS THEREOF



(57) Abstract: The present invention relates to alkylglycoside-containing compositions and methods for increasing the stability, reducing the aggregation and immunogenicity, increasing the biological activity, and reducing or preventing fibrillar formation of a peptide, polypeptide, or variant thereof, for example insulin and Peptide T or analog thereof.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/24576

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(8) - A61 K 38/00; A61K 9/12 (2007.01) USPC - 514/12; 424/45 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) USPC - 514/12; 424/45  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST(PGPB,USPT,USOC,EPAB,JPAB); GOOGLE SCHOLAR/PATENT: (peptide OR polypeptide), aggregation, (reducing OR reduction), organic solvent, trifluoroethanol, hexafluoro-2-propanol, conformational, insulin, VIP, peptide T, peptide T analog.		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,741,891 A Weber et al., 21 April 1998 (21.04.1998); col 2, ln 28-60; col 4, ln 29-36; col 5, ln 4-11.	1-63
Y	Bodanszky et al., Preferred Conformation in the Vasoactive Intestinal Peptide (VIP) Molecular Architecture of Gastrointestinal Hormones. Bioorganic Chemistry June 1974, 133(2):133-140; in entirety	1-63
Y	Murali et al., Spectroscopic studies on native and protofibrillar insulin. Journal of Structural Biology May 2005, 150(2):180-189; Abstract	22, 39, 56
Y	US 6,322,810 B1 Alkan-Onyuksel et al., 27 November 2001 (27.11.2001); col 2, ln 1-7	23, 40, 57
Y	Smith et al., Tritiated D-ala1-peptide T binding: A pharmacologic basis for the design of drugs which inhibit HIV receptor binding. Drug Development Research 1988, 15( 4): 371-379; Abstract	5-9, 17-21, 34-38, 51-55
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		
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Date of the actual completion of the international search 14 June 2007 (14.06.2007)		Date of mailing of the international search report <b>08 AUG 2007</b>
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young  PCT Helpdesk: 571-272-4300 PCT DSP: 571-272-7774