

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C07K 1/00, 1/14, 1/28, 1/30, 14/62, A61K 38/28	A1	(11) International Publication Number: WO 96/40730 (43) International Publication Date: 19 December 1996 (19.12.96)
(21) International Application Number: PCT/US96/07963 (22) International Filing Date: 4 June 1996 (04.06.96) (30) Priority Data: 08/484,220 7 June 1995 (07.06.95) US (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BAKER, Jeffrey, Clayton [US/US]; 114 East 44th Street, Indianapolis, IN 46205 (US). MOSER, Brian, A. [US/US]; 751 W. Hanna Avenue, Indianapolis, IN 46217 (US). SHRADER, Warren, E. [US/US]; Apartment 10, 7929 Estelle Street, Indianapolis, IN 46227 (US). (74) Agents: SKERPON, Joseph, M. et al.; Banner & Allegretti, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001 (US).		(81) Designated States: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: PREPARATION OF AN ACYLATED PROTEIN POWDER (57) Abstract A method for recovering an acylated protein as a powder, especially in cases where the acylated protein is one that resists isolation by isoelectric precipitation from aqueous solutions of the protein, the method comprising in combination adjusting the aqueous solution to near the isoelectric pH of the protein and providing a suitable alcohol concentration to cause precipitation of the protein in the form of filterable particles at the adjusted pH.		