



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07K 7/56	A2	(11) International Publication Number: WO 00/34315 (43) International Publication Date: 15 June 2000 (15.06.00)
(21) International Application Number: PCT/US99/29008 (22) International Filing Date: 8 December 1999 (08.12.99) (30) Priority Data: 60/111,524 9 December 1998 (09.12.98) 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): DOBBINS, John, Robert [US/US]; 1109 Barry Drive, Lebanon, IN 46033 (US). KROEFF, Eugene, Paul [US/US]; 12631 Timber Crest Bend, Carmel, IN 46033 (US). VICENZI, Jeffrey, Thomas [US/US]; 49 Timber Lane, Brownsburg, IN 46112 (US). (74) Agents: LEHNHARDT, Susan, K. et al.; Morrison & Foerster LLP, 1290 Avenue of the Americas, New York, NY 10104-0012 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: PURIFICATION OF ECHINOCANDIN CYCLOPEPTIDE COMPOUNDS (57) Abstract A method is described for separating and purifying a wide variety of fermentation cyclopeptide products containing at least one protonatable amino group (including the deacylated Echinocandin-type compounds) from their fermentation or mixed broths and partially purified process streams by adsorbing the mixture onto a hydrophobic, reversed phase chromatographic media and eluting with a continuous linear acetic acid gradient ranging from 0.1 % acetic acid to 10.0 % acetic acid by volume in water. A process for removing tripeptide-aldehyde by-products from the fermentation products by means of a derivatizing agent is also described.		