



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07D 501/00	A1	(11) International Publication Number: WO 98/55484 (43) International Publication Date: 10 December 1998 (10.12.98)
(21) International Application Number: PCT/EP98/03278 (22) International Filing Date: 2 June 1998 (02.06.98) (30) Priority Data: A 951/97 4 June 1997 (04.06.97) AT A 1112/97 30 June 1997 (30.06.97) AT (71) Applicant (for all designated States except US): BIOCHEMIE GESELLSCHAFT MBH [AT/AT]; A-6250 Kundl (AT). (72) Inventors; and (75) Inventors/Applicants (for US only): NADENIK, Petr [AT/AT]; Simon Prem-Strasse 22, A-6300 Wörgl (AT). WAGNER, Helmut [AT/AT]; A-6233 Kramsach Nr. 441 (AT). (74) Agent: BECKER, Konrad; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).	(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, GW, 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, SZ, 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, ML, MR, NE, 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: IMPROVED PRECIPITATION PROCESS OF 7-AMINOCEPHALOSPORANIC ACID (7-ACA)		
(57) Abstract		
A process in the isolation of 7-aminocephalosporanic acid (7-ACA) of formula (I) from an alkaline, neutral or slightly acidic medium in the presence of an additive, e.g. selected from the group comprising organic carboxylic acid esters, polymeric glycols, polyacryls, amines and polyamines, melamin-formaldehyde resins or amino acids and esters thereof to obtain 7-ACA agglomerates and/or rosettes.		