

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau990324-6
1p05's

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C07C 231/06	A1	(11) International Publication Number: WO 98/31658 (43) International Publication Date: 23 July 1998 (23.07.98)
(21) International Application Number: PCT/US97/24167 (22) International Filing Date: 22 December 1997 (22.12.97) (30) Priority Data: 08/783,924 17 January 1997 (17.01.97) US (71) Applicant: HAMPSHIRE CHEMICAL CORP. [US/US]; 55 Hayden Avenue, Lexington, MA 02173 (US). (72) Inventor: STALLMAN, John, B.; 14 Woodland Drive, Amherst, NH 03031 (US). (74) Agents: LEMACK, Kevin, S. et al.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (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, HU, 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, 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, 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 <i>With international search report.</i>
(54) Title: PREPARATION OF ACYLATED α -AMINO CARBOXYLIC ACID AMIDES (57) Abstract A method of preparing acylated α-amino carboxylic acid amides directly from aminonitriles in high yield and purity. The method involves acylating the aminonitrile with an acyl halide under Schotten-Baumann conditions, and hydrolyzing the resulting nitrile to the amide. The resulting acylated amino carboxylic acid amide precipitates and can be isolated by filtration in high purity.		