

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



G00002



(43) International Publication Date
11 July 2002 (11.07.2002)

PCT

(10) International Publication Number
WO 02/053724 A3

- (51) International Patent Classification⁷: C12N 9/78, C12P 17/00, 17/10, 41/00
- (21) International Application Number: PCT/US01/49115
- (22) International Filing Date:
18 December 2001 (18.12.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/259,715 4 January 2001 (04.01.2001) US
- (71) Applicant (for all designated States except US): **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Rt. 206 & Province Line Road, Princeton, NJ 08543-4000 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PATEL, Ramesh** [US/US]; 572 Cabot Hill Road, Bridgewater, NJ 08807 (US). **BRZOZOWSKI, David** [US/US]; 1751 Cedar Wood Drive, Piscataway, NJ 08854 (US). **NANDURI, Venkata, B.** [US/US]; 3 Martin Court, East Brunswick, NJ 08816 (US).
- (74) Agents: **DAVIS, Stephen, B.** et al.; Bristol-Myers Squibb Company, P.O. Box 4000, Rt. 206 & Province Line Road, Princeton, NJ 08543-4000 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GI, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
with international search report
- (88) Date of publication of the international search report:
16 January 2003
- 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.

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162162

(54) Title: ENZYMATIC DEPROTECTION OF AMINES AND HYDROXIDES

(57) Abstract: Provided is a method of deprotecting a hydroxide or amine protected with a group of formula $\text{ArC}^*(\text{R})\text{H}-(\text{CH}_2)_n-\text{O}-\text{C}(=\text{O})-$ where the substituents are as described below, the method comprising: contacting the protected hydroxide or amine with an enzyme effective to remove the protecting group; and recovering the amine. Also provided is a method of isolating a bacteria producing an enzyme effective to remove a protecting group comprising: growing prospective bacteria on a medium having a growth selective amount of an amine compound that is protected as above; and isolating bacteria that grow on said medium.