

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 October 2001 (18.10.2001)

PCT

(10) International Publication Number
WO 01/077360 A3

(51) International Patent Classification⁷: **C12P 17/18**,
C07D 498/18, A61K 47/48 // (C07D 498/18, 303:00,
265:00, 225:00)

(21) International Application Number: PCT/GB01/01661

(22) International Filing Date: 11 April 2001 (11.04.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/196,361 12 April 2000 (12.04.2000) US

(71) Applicant (*for all designated States except US*):
SMITHKLINE BEECHAM P.L.C. [GB/GB]; New
Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **FULSTON, Mark**
[GB/GB]; GlaxoSmithKline, Clarendon Road, Worthing,
West Sussex BN14 8QH (GB). **STEFANSKA, Anna**
[GB/GB]; GlaxoSmithKline, New Frontiers Science
Park South, Third Avenue, Harlow, Essex CM19 5AW
(GB). **THIRKETTLE, Jan** [GB/GB]; GlaxoSmithKline,
Clarendon Road, Worthing, West Sussex BN14 8QH (GB).

(74) Agent: **CONNELL, Anthony, Christopher**; SmithKline
Beecham, Corporate Intellectual Property, Two New Hori-
zons Court, Brentford, Middlesex TW8 9EP (GB).

(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, EE, ES, FI, GB, GD, GE, GH, 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, 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, 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, GW, 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 receipt of
amendments*

(88) Date of publication of the international search report:
12 September 2002

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: METHODS FOR ANSAMITOCIN PRODUCTION

(57) Abstract: Improved purification methods for ansamitocins are disclosed.



WO 01/077360 A3