PCT WORLD ORGANISATION FOR INTELLECTUAL PROPERTY
International Office
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification[6] : C07K 7/06

A1

(11) International publication number: WO 96/33213

(43) International publication date: 24 October 1996 (24.10.96)

(21) International application number: PCT/FR96/00575

(22) International filing date: 16 April 1996 (16.04.96)

(30) Data relating to the priority:
95/04.585 18 April 1995 (18.04.95) FR

(71) Applicant (for all designated States except US): RHONE-POULENC RORER S.A. [FR/FR]; 20, avenue Raymond-Aron, F-92160 Antony (FR).

(72) Inventors; and
(75) Inventors/Applicants (US only): Jean-Claude BARRIERE [FR/FR]; 24, rue Max-Ernst, F-91440 Bures-sur-Yvette (FR). Luc GRONDARD [FR/FR]; 9, square Babord, F-91080 Courcouronnes (FR). Patrick LEFEVRE [FR/FR]; 1, rue Faie-Félix, F-94300 Vincennes (FR). Stéphane MUTTI [FR/FR]; 136, avenue d'Argenteuil, F-92600 Asnières (FR).

(74) Representative: Françoise LOBJOIS; Rhône-Poulenc Rorer S.A., Patents Directorate, 20, avenue Raymond-Aron, F-92165 Antony Cédex (FR).

(81) Designated States: AL, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, ARIPO Patent (KE, LS, MW, SD, SZ, UG), 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
With the International Search Report.
Before expiry of the period provided for amending the claims, will be republished if such amendments are received.



162162



G00001

As printed

(54) Title: METHOD FOR PREPARING STREPTOGRAMINES

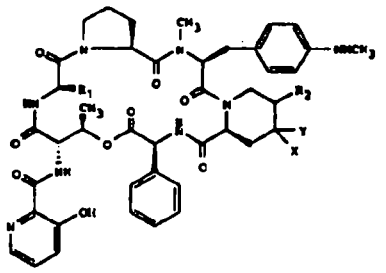
(54) Titre: PROCEDE DE PREPARATION DE STREPTOGRAMINES

(57) Abstract

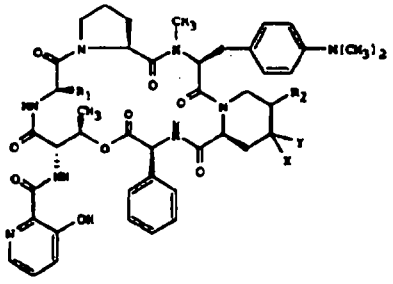
A method for preparing streptogramines of general formula (I), wherein R_1 is methyl or ethyl, R_2 is H and X and Y together form an oxo radical, or R_1 is ethyl, R_2 and X are H and Y is H or OH, or else R_1 is ethyl, R_2 is OH and X and Y together form an oxo radical, by demethylating a synergistin derivative of general formula (II), wherein R_1, R_2, X and Y are as defined above, by means of a treatment with a periodate in an acetic medium, followed by a treatment in an aqueous medium.

(57) Abrégé

Procédé de préparation de streptogramines de formule générale (I) dans laquelle soit R_1 est méthyle ou éthyle, R_2 est H et X et Y forment ensemble un radical oxo, soit R_1 est éthyle, R_2 et X représentent H et Y est H ou OH, soit R_1 est éthyle R_2 est OH et X et Y forment ensemble un radical oxo, par déméthylation d'un dérivé de synergistine de formule générale (II) dans laquelle R_1, R_2, X et Y sont définis comme ci-dessus, par traitement par un periodate en milieu acétique suivi d'un traitement en milieux aqueux.



(I)



(II)

ONLY FOR INFORMATION

Codes used to identify the PCT member States on the flyleaves of the brochures in which international applications made under the PCT are published.

AT	Armenia
AT	Austria
AU	Australia
BB	Barbados
BE	Belgium
BF	Burkina Fasso
BG	Bulgaria
BJ	Benin
BR	Brazil
BY	Belarus
CA	Canada
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Ivory Coast
CM	Cameroon
CN	China
CS	Czechoslovakia
CZ	Czech Republic
DE	Germany
DK	Denmark
EE	Estonia
ES	Spain
FI	Finland
FR	France
GA	Gabon
GB	United Kingdom
GE	Georgia
GN	Guinea
GR	Greece
HU	Hungary
IE	Ireland
IT	Italy
JP	Japan
KE	Kenya
KG	Kyrghyzstan
KP	Democratic People's Republic of Korea
KR	Republic of Korea
KZ	Kazakhstan
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LT	Lithuania
LU	Luxembourg
LV	Latvia
MC	Monaco
MD	Republic of Moldova
MG	Madagascar
ML	Mali
MN	Mongolia
MR	Mauritania
MW	Malawi
MX	Mexico
NE	Niger
NL	Netherlands
NO	Norway
NZ	New Zealand
PL	Poland
PT	Portugal
RO	Romania
RU	Russian Federation
SD	Sudan
SE	Sweden
SG	Singapore
SI	Slovenia
SK	Slovakia
SN	Senegal
SZ	Swaziland
TD	Chad
TG	Togo
TJ	Tajikistan
TT	Trinidad and Tobago
UA	Ukraine
UG	Uganda
US	United States of America
UZ	Uzbekistan
VN	Vietnam