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(54) Title: PROCESS FOR THE PREPARATION OF TELITHROMYCIN

(57) Abstract: The present invention relates to the process for the preparation of compounds of formula (I) or its pharmaceutically acceptable salts. The novel compounds (i) 10,11-Anhydro-2',4"-di-O-benzoyl-12-O-imidazolylcarbonyl-6-O-methylerythromycin A of formula (Xa) (ii) 2',4"-di-O-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-6-O-methylerythromycin A 11,12-cyclic carbamate of formula (XIa) (iii) 2'-O-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-5-O-desosaminyl-6-O-methylerythronolide A 11,12-cyclic carbamate of formula (XIIa) (iv) 2'-benzoyl-11-amino-11-N-[4-[4-(3-pyridyl)imidazol-1-yl]butyl]-11-deoxy-5-O-desosaminyl-6-O-methylerythronolide A 11,12-cyclic carbamate of formula (XIIa) and their use as intermediates in formation of compound of Formula (I). Also the process of preparation of compound of formula (XIIIa).

INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER

C07H17/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C07H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WU, YONG-JIN ET AL: "Recent developments on ketolides and macrolides" CURRENT MEDICINAL CHEMISTRY, 8(14), 1727 - 1758 CODEN: CMCHE7; ISSN: 0929-8673, 2001, XP009056485 the whole document	1-42
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"&" document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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