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(54) Title: NEW PROCESS OF SYNTHESIS OF A SQUALAMINE AND/OR TRODUSQUEMINE PRECURSOR

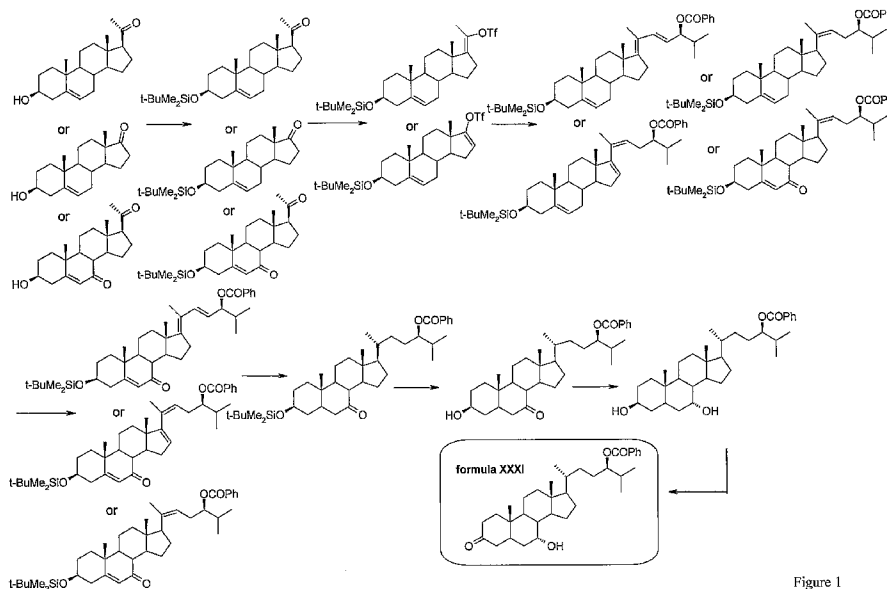


Figure 1

(57) Abstract: The invention relates to a new process of synthesis of a squalamine and/or trodusquemine precursor like 24-substi-
tuted oxy-7-substitutedoxycholestan-3-one, preferably of 24β-benzoyloxy-7α-hydroxycholestan-3-one.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. C07J7/00 C07J9/00 C07J13/00

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)

C07J

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, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OKUMURA, KAZUO ET AL: "Formal synthesis of squalamine from desmosterol" CHEMICAL & PHARMACEUTICAL BULLETIN, 51(10), 1177-1182 CODEN: CPBTAL; ISSN: 0009-2363, 2003, XP002516638 page 1178; figure 1; compounds 6-12	1
A	WO 94/19366 A (MAGAININ PHARMA [US]) 1 September 1994 (1994-09-01) figure 1b	1
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Further documents are listed in the continuation of Box C.



See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MORIARTY R M ET AL: "SYNTHESIS OF SQUALAMINE.A STEROIDAL ANTIBIOTIC FROM THE SHARK" TETRAHEDRON LETTERS, ELSEVIER, AMSTERDAM, vol. 35, no. 44, 31 October 1994 (1994-10-31), pages 8103-8106, XP000572370 ISSN: 0040-4039 cited in the application page 8104; compound 7</p>	1
A	<p>TAKAGI, JUN; TAKAHASHI, KOU; ISHIYAMA, TATSUO; MIYAUURA, NORIO: "Palladium-Catalyzed Cross-Coupling Reaction of Bis(pinacolato)diboron with 1-Alkenyl Halides or Triflates: Convenient Synthesis of Unsymmetrical 1,3-Dienes via the Borylation-Coupling Sequence" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 124, no. 27, 2002, pages 8001-8006, XP002516639 page 8004; compounds 17-20</p>	1
A	<p>ORSINI F ET AL: "Pd(0)-MEDIATED CROSS-COUPPLING OF REFORMATSKY REAGENTS WITH VINYL- AND ARYL TRIFLATES" SYNTHETIC COMMUNICATIONS, TAYLOR & FRANCIS, PHILADELPHIA, PA, vol. 17, no. 12, 1 January 1987 (1987-01-01), pages 1389-1402, XP003020475 ISSN: 0039-7911 page 1392; compounds F-G</p>	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9419366	A	01-09-1994 AU 6392894 A	14-09-1994