

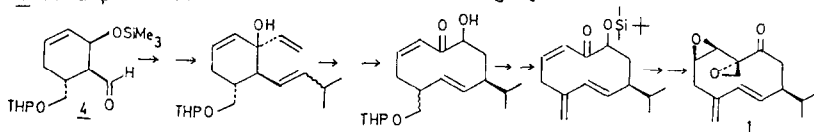
GRAPHICAL ABSTRACTS

Tet.Lett., 27,12,1315 (1986)

SYNTHESE UND KRISTELLSTRUKTUR VON (±)-PERIPLANON B

H. Hauptmann u. G. Mühlbauer, Institut für Organische Chemie der Universität Regensburg, Universitätsstr. 31, D-8400 Regensburg; N.P.C. Walker, BASF AG, D-6700 Ludwigshafen, FRG

Periplanone-B (**1**) was synthesized via a Diels-Alder approach to the cyclohexene derivative **4** as a precursor of the ten-membered ring system.



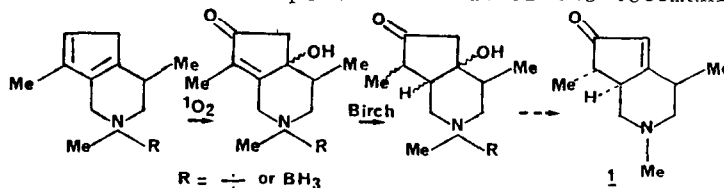
Tet.Lett., 27,12,1319 (1986)

PHOTOOXIDATION OF AMINODIENE AND AMINODIENE-BORANES

Jean-Pierre Alazard and Claude Thal

Institut de Chimie des Substances Naturelles du C.N.R.S., 91190 Gif-sur-Yvette, FRANCE

Synthetic approach of the monoterpene alkaloids of the tecomanine group **1**

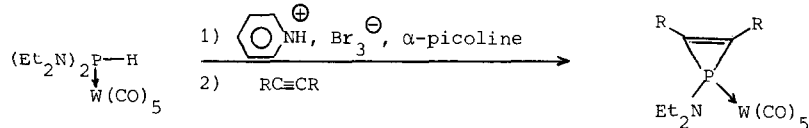


Tet.Lett., 27,12,1323 (1986)

A NEW ACCESS TO THE PHOSPHIRENE RING

François Mercier and François Mathey

Laboratoire CNRS-SNPE, 2-8 rue Henry Dunant, 94320 Thiais (France)



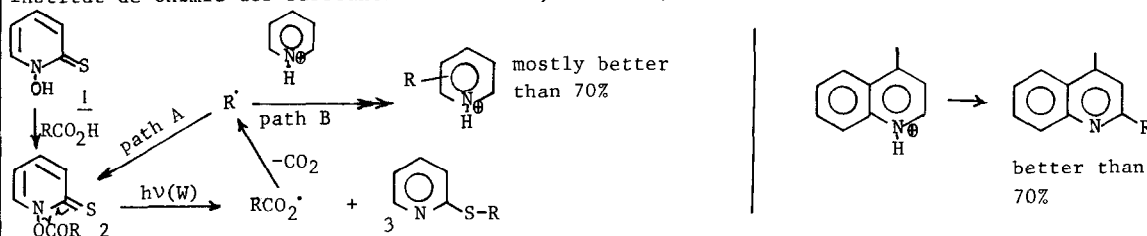
Suspected intermediate : $\text{Et}_2\text{N}-\text{P}=\text{W}(\text{CO})_5$

Tet.Lett., 27,12,1327 (1986)

RADICAL DECARBOXYLATIVE ADDITION ONTO PROTONATED HETEROAROMATIC (and RELATED) COMPOUNDS

Derek H.R. Barton, Begona Garcia, Hideo Togo and Samir Z. Zard

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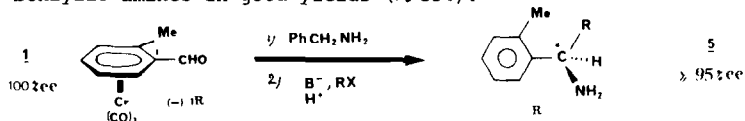
ENANTIOSELECTIVE SYNTHESIS OF CHIRAL BENZYLIC AMINES. (A stereospecific transamination-alkylation reaction).

Arlette Solladié-Cavallo and Dariouch Farkhani

Laboratoire de Stéréochimie Organométallique - ENSCS - 1, rue B. Pascal - 67008 STRASBOURG

Tet.Lett., 27,12,1331 (1986)

Optically pure arene-chromium-tricarbonyl complex **1** is converted into almost optically pure ($\geq 95\%$ e.e.) benzylic amines in good yields ($\sim 85\%$).

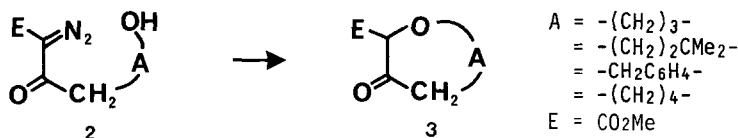


SYNTHESIS OF CYCLIC ETHERS BY RHODIUM CARBENOID CYCLISATION

Julie C. Heslin, Christopher J. Moody,* Alexandra M.Z. Slawin, and David J. Williams
Department of Chemistry, Imperial College of Science and Technology, London SW7 2AY, U.K.

Treatment of diazo compounds (**2**) with rhodium (II) acetate causes cyclisation to the ethers (**3**).

Tet.Lett., 27,12,1403 (1986)



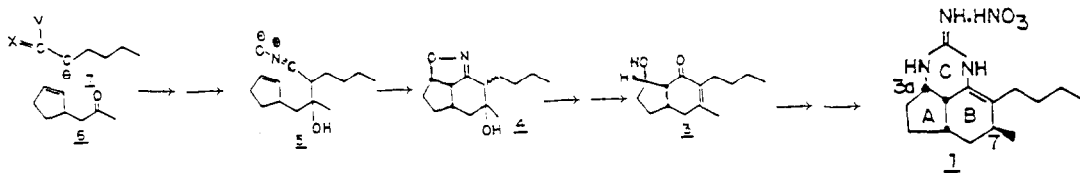
STEREOSELECTIVE SYNTHESIS OF PTILOCAULIN AND ITS 7-EPIMER

Alfred Hassner*, K.S. Keshava Murthy

Department of Chemistry, Bar-Ilan University, Ramat-Gan 52100, Israel

Tet.Lett., 27,12,1407 (1986)

A seven step stereoselective synthesis of ptilocaulin **1**.



REGIOSELECTIVE SYNTHESIS OF (+)-GABACULINE *

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Tet.Lett., 27,12,1411 (1986)

A synthesis of gabaculine (**1**) via an intramolecular reaction of an N-acyliminium intermediate with a propargyl silane (a), followed by ozonolysis (b), and a Shapiro reaction (c):

