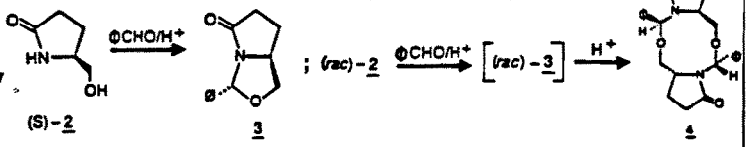
Tet.Lett.,27,14,1533 (1986)

A *MESO* SPECIFIC REACTION

John K. Thottathil*, Claire Przybyla, Mary Malley, and J. Z. Gougoutas*
The Squibb Institute for Medical Research. P. O. Box 4000, Princeton, N.J. 08540, U.S.A.

Condensation of benzaldehyde with optically pure 2 gives only oxazolidine 3 while racemic 2 gives only *meso*-centrosymmetric dimer 4.

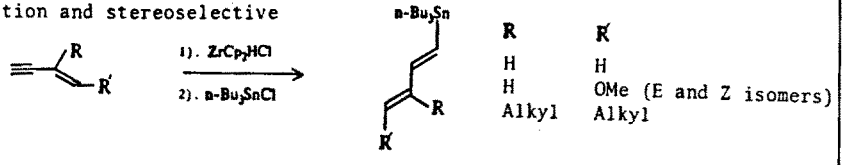


Tet.Lett.,27,14,1537 (1986)

TRANSITION METAL DIENYLS IN ORGANIC SYNTHESIS: A CONVENIENT PREPARATION OF σ-BONDED TIN AND ZIRCONIUM DIENYLS

Michael D. Fryzuk*, Gordon S. Bates and Charles Stone
Department of Chemistry, University of British Columbia, Vancouver, B.C., Canada

Chemoselective hydrozirconation and stereoselective transmetallation to tin.



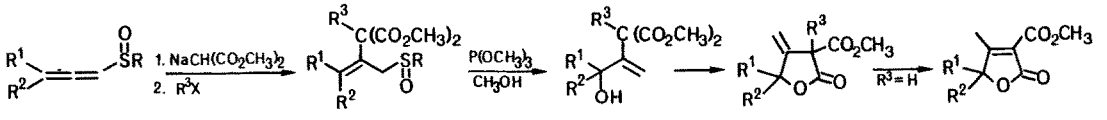
R	R'
H	H
H	OMe (E and Z isomers)
Alkyl	Alkyl

Tet.Lett.,27,14,1561 (1986)

EINFACHE SYNTHESE VON 2[5H]FURANONEN UND ß-METHYLEN-γ-BUTYROLACTONEN DURCH ADDITION VON MALONSÄUREESTER AN ALLENSULFOXIDE

Hans-Josef Altenbach* und Hartwig Soicke
Institut für Organische Chemie der Universität Köln, Greinstraße 4, D-5000 Köln 41

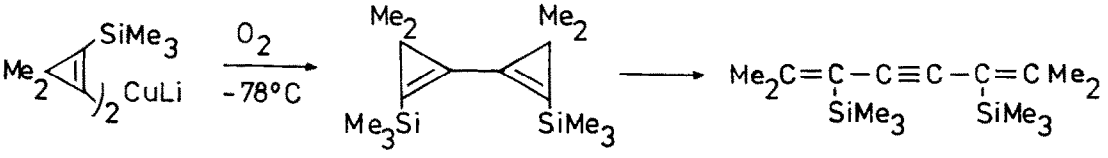
A synthesis of unsaturated γ-butyrolactones via an allylic rearrangement of malonate adducts of allenic sulfoxides.



Tet.Lett.,27,14,1563 (1986)

3,3,3',3'-TETRAMETHYL-2,2'-BISTRIMETHYLSILYL-1,1'-BICYCLOPROPENYL: SYNTHESIS AND ISOMERIZATION

Franz Grüger and Günter Szeimies, Institut für Organische Chemie der Universität München Karlsraße 23, D-8000 München 2, Germany

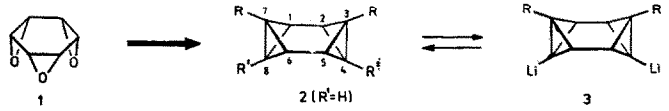


Tet.Lett.,27,14,1565 (1986)

(Z)-3,7-BISPHENYLSULFONYL-OCTABISVALENE
IMPROVED SYNTHESIS AND X-RAY STRUCTURE ANALYSIS

Christoph Rücker*, Horst Prinzbach, Hermann Irngartinger*, Reiner Jahn and Hans Rodewald
Chemisches Laboratorium der Universität, D-7800 Freiburg i. Br., BRD

Eight-step synthesis of 2 from 1, X-ray analysis

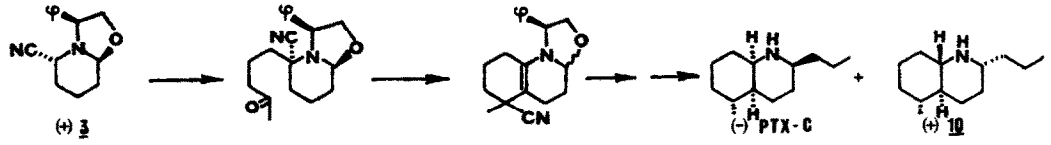


Tet.Lett.,27,14,1569 (1986)

Asymmetric Synthesis VIII : Biogenetically Patterned Approach to the Chiral Total Synthesis of (-)-Pumiliotoxin-C

M. Bonin, J. Royer, D.S. Grierson and H.-P. Husson*
Institut de Chimie des Substances Naturelles du CNRS, 91190 Gif-sur-Yvette, France

A Synthesis of (-)-Pumiliotoxin-C and (+)-9,10-trans isomer 10 from the chiral synthon 3.

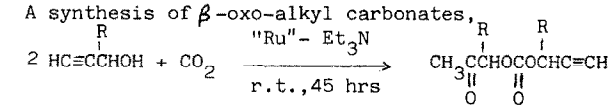


Tet.Lett.,27,14,1573 (1986)

REACTION OF CARBON DIOXIDE WITH PROPARGYL ALCOHOL
CATALYZED BY A COMBINATION OF $Ru_3(CO)_{12}$ AND Et_3N

Yoshiyuki SASAKI
National Research Institute for Pollution and Resources

A synthesis of β-oxo-alkyl carbonates,



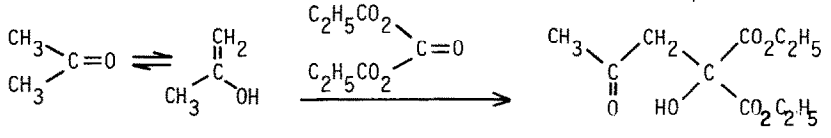
"Ru" = $Ru_3(CO)_{12}$, $RuCl_3.3H_2O$
R = H, CH_3

Tet.Lett.,27,14,1575 (1986)

O--H--O HYDROGEN TRANSFER IN ENE REACTIONS

Ridha Ben Salem and Gérard Jenner (§)
Chimie Organique Appliquée, Ecole Nationale Supérieure de Chimie, 67008 Strasbourg FRANCE

Determination of the concertedness of ene reactions between a ketone and activated carbonyl bonds on the basis of the activation volume $\Delta V^{\neq}$. As an example :



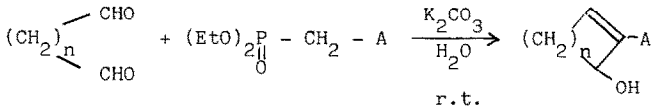
$\Delta V^{\neq}$ = - 30.0 cm^3/mole

Tet.Lett.,27,14,1577 (1986)

The WITTIG-HORNER reaction in heterogenous media IX.
1-Functional Cyclenols via bis aldolisation of phosphonates from aliphatic dialdehydes in aqueous low basic media.

M. Graff, A. Al Dilaimi, P. Seguineau, M. Rambaud, J. Villiéras
Synthèse Organique Sélective, Faculté des Sciences, F 44072 NANTES (France)

1-Functional cyclenols via the Wittig-Horner reaction of dialdehydes



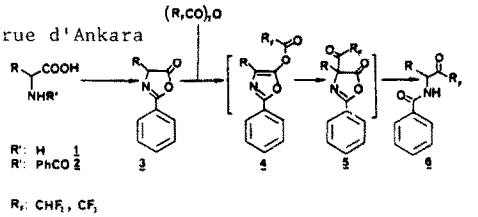
n = 2,3
A = COOEt, $COCH_3$, CN

Tet.Lett.,27,14,1579 (1986)

SYNTHESIS OF FLUORINATED α-AMINO KETONES. PART I:
α-BENZAMIDOALKYL MONO- DI- AND TRIFLUOROMETHYL KETONES

Michael Kolb*, Jacqueline Barth, and Bernhard Neises
Merrell Dow Research Institute, Strasbourg Center,16 rue d'Ankara
67084 Strasbourg Cedex, France

The title compounds 6 are prepared from α-amino acids via a modified Dakin/West procedure.

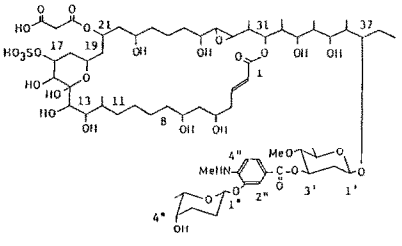


Tet.Lett.,27,14,1603 (1986)

THE STRUCTURE OF A NOVEL MACROLIDE ANTIBIOTIC, NOTONESOMYCIN A

Toru Sasaki, Kazuo Furihata, Hiroshi Nakayama,
Haruo Seto* and Noboru Otake
Institute of Applied Microbiology, The University of Tokyo, Yayoi, Bunkyo-ku, Tokyo, Japan 113

Structure of notonesomycin A was determined as shown.



Tet.Lett.,27,14,1635 (1986)

A CONVENIENT SYNTHESIS OF 4(5)-MONO-, 4,5-DI-, AND 2,4,5-TRI-SUBSTITUTED IMIDAZOLES

Brian Iddon and Nazir Khan,
The Ramage Laboratories, Department of Chemistry and Applied Chemistry, University of Salford, Salford, M5 4WT.

A procedure is described for the stepwise introduction of substituents (hydrogen included) into the imidazole ring by FGI of the bromine atoms in 1-protected 2,4,5-tribromoimidazoles in the order 2 → 5 → 4 using halogen-metal exchange techniques.