

JOURNAL OF THE CHEMICAL SOCIETY

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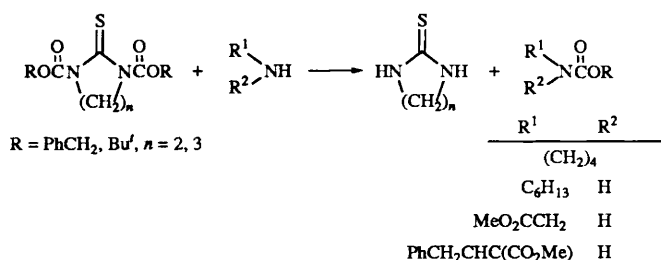
Organic and Bio-organic Chemistry

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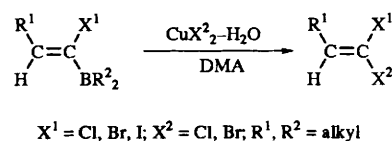
- 2953 Alkoxy carbonyl groups transfer to amines by the *N,N'*-dibenzyl- and *N,N'*-di-*tert*-butyl-carbamates of cyclic thioureas

Noboru Matsumura, Akiko Noguchi,
Aya Kitayoshi and Hiroo Inoue



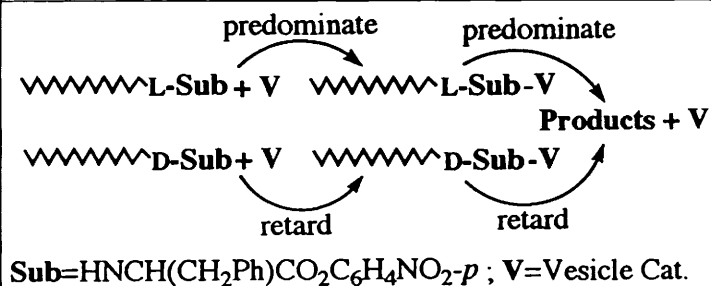
- 2955 Facile and stereospecific synthesis of 1,1-dihaloalkenes from 1-haloalkynes by hydroboration

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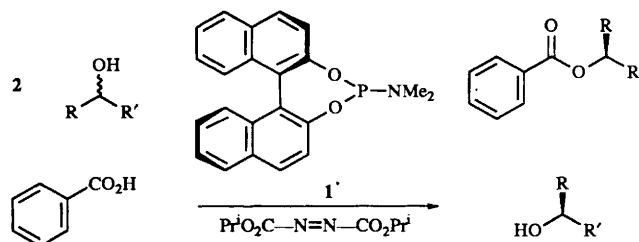
- 2957 Novel stereoselective incorporation and hydrolysis of long-chain amino-acid substrates by vesicular membrane systems which include tri- or tetra-peptide catalysts

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- 2961 Kinetic resolution of alcohols in an asymmetric Mitsunobu reaction using chiral nonracemic 1,3,2-dioxaphosphinanes

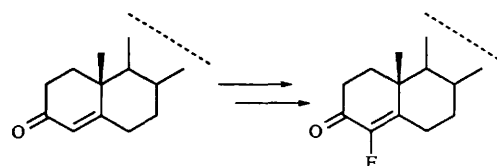
Ron Hulst, Arjan van Basten, Kevin
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Articles

2965 Regiospecific synthesis of 4-fluoro- Δ^4 ,3-keto steroids using caesium fluoroxysulfate

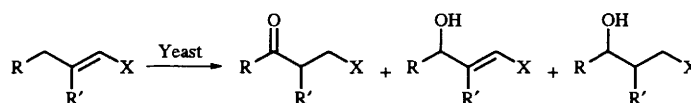
Harold F. Hodson, David J. Madge and David A. Widdowson



α,β -Unsaturated 3-keto steroids have been converted into the 4-fluoro derivative *via* fluorodemetalation using electrophilic fluorine reagents

2969 Biotransformation of $\alpha\beta$ -unsaturated carbonyl compounds: sulfides, sulfoxides, sulfones, nitriles and esters by yeast species: carbonyl group and carbon-carbon double bond reduction

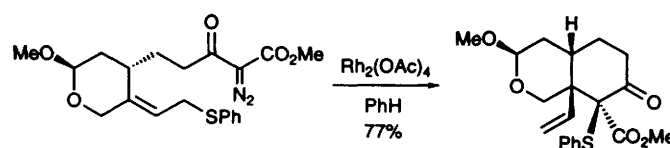
Surinder Koul, David H. G. Crout, William Errington and Jiri Tax



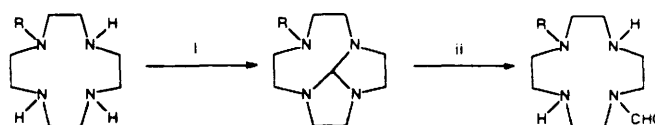
X = SPh, SO₂Ph
SO₂Ph, CN, CO₂Et, R = R' = Me
X = CN, R, R' = (CH₂)₄

2989 New entry to a *cis*-fused bicyclic ring system by a [2,3]sigmatropic rearrangement *via* cyclic allylsulfonium ylides. Synthesis of the *cis*-2-oxa-9-vinyldecalin skeleton

Fusao Kido, Toshiya Abiko and Michiharu Kato

2995 Highly regioselective access to 7-substituted 1,4,7,10-tetraazacyclododecane-1-carbaldehyde derivatives: synthetic aspects and NMR elucidation of the structures. X-Ray crystal structures of 7-triphenylmethyl-1,4,7,10-tetraazacyclododecane-1-carbaldehyde and 7-triphenylmethyloctahydro-5*H*,9*bH*-2*a*,4*a*,7,9*a*-tetraazacycloocta[*cd*]pentalene

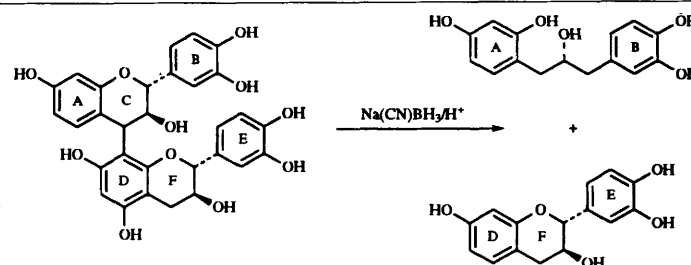
Pier Lucio Anelli, Luisella Calabi, Paolo Dapporto, Marcella Murru, Lino Paleari, Paola Paoli, Fulvio Uggeri, Sandra Verona and Mario Virtuani



i, Me₂NCH(OEt)₂, benzene, reflux, 2–4 h; ii, EtOH (THF)–H₂O

3005 Oligomeric flavanoids. Part 19. Reductive cleavage of the interflavanil bond in proanthocyanidins

Petrus J. Steynberg, Jan P. Steynberg, Barend C. B. Bezuidenhout and Daneel Ferreira

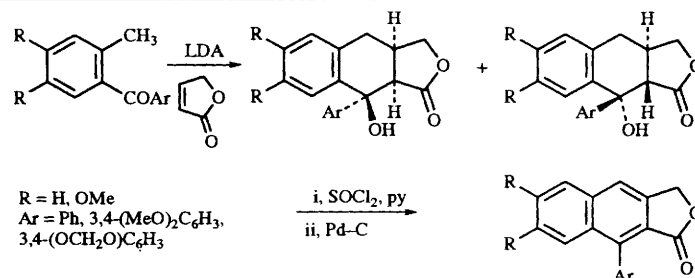


The interflavanil bond in proanthocyanidins is subject to facile cleavage with Na(CN)BH₃ in CF₃CO₂H at 0 °C

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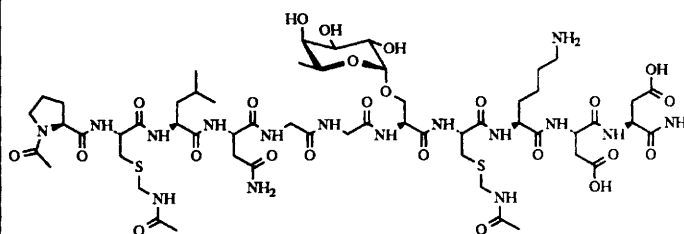
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Kazuhiro Kobayashi, Junsuke Tokimatsu, Kouji Maeda, Osamu Morikawa and Hisatoshi Konishi



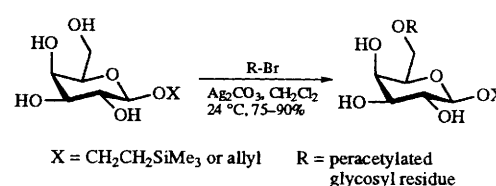
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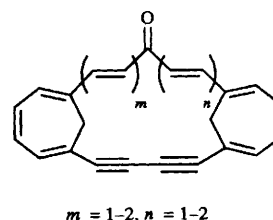
- 3023 **Simple and efficient strategy for making β -(1 \rightarrow 6)-linked galactooligosaccharides using 'naked' galactopyranosides as acceptors**

Ravindranathan K. P. Kartha, Makoto Kiso, Akira Hasegawa and Harold J. Jennings



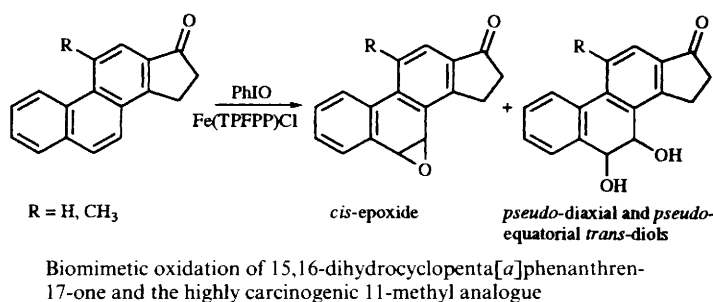
- 3027 **Synthesis and properties of dimethano-bridged tetradecahydro[21]-, -[23]- and -[25]annul-enones**

Jūro Ojima, Naoki Hiraiwa, Shiro Kondo, Kaori Asano, Chiaki Sakon, Hiroyuki Higuchi, Katsuya Inoue and Gaku Yamamoto



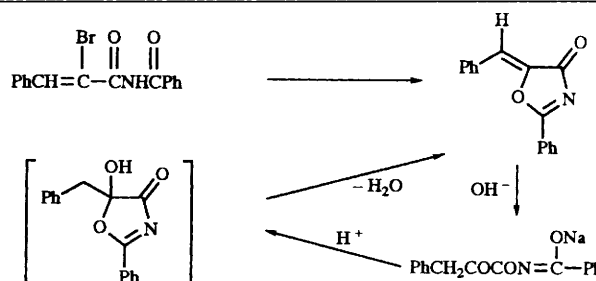
- 3037 **Biomimetic iron porphyrin-catalysed oxidation of cyclopenta[*a*]phenanthrenones**

Grahame J. Harden and Maurice M. Coombs



- 3043 **Synthesis and reactions of 5-benzylidene-2-phenyl-4,5-dihydro-1,3-oxazol-4-ones**

Yennu Santosh Laxmi and Divi Sarangapani Iyengar



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Enantioselective synthesis of the 13-membered macrodiolide bartanol

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Synthesis and study of 3-(triphenylphosphoranylidene)-2*H*-indol-2-one **K.E. Litinas and G.E. Lathourakis**

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Base-induced cycloreversion of nitrile oxide cycloadducts: conversion of imines to secondary and tertiary amides and aromatic aldehydes to acids without a conventional oxidising agent **R.A. Aitken and S.V. Raut**

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Synthesis and X-ray molecular structure of 1,4-bis[4-(dimethylamino)phenyl]buta-1,3-diyne: charge-transfer complex with acceptors **J.G. Rodriguez, S. Ramos, R. Martin-Villamil, I. Fonseca and A. Albert**

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