

JOURNAL OF THE CHEMICAL SOCIETY

Perkin Transactions 1

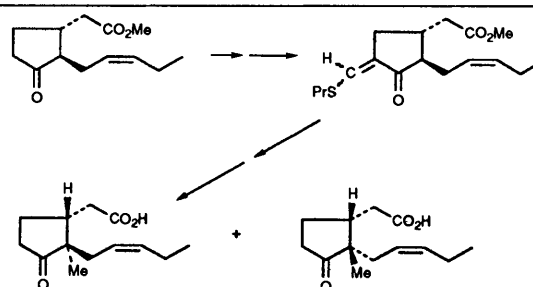
Organic and Bio-organic Chemistry

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Perkin Communications

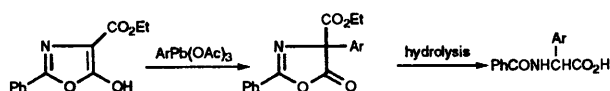
- 2379 **Synthesis and biological activity of stereochemically locked derivatives of jasmonic acid**

Jane L. Ward and Michael H. Beale



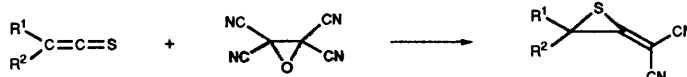
- 2383 **Arylation of 4-ethoxycarbonyl-2-phenyloxazol-5-one by arylead triacetates: a convenient route to α -arylglycines**

Mark J. Koen, Jacqueline Morgan and John T. Pinhey



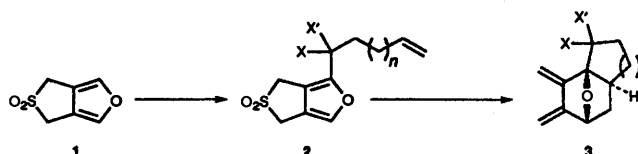
- 2385 **Dicyanomethylenethiiranes from thioketenes and tetracyanoethylene oxide**

Gunadi Adiwidjaja, Oliver Bolte, Bettina Dietz and Ernst Schaumann

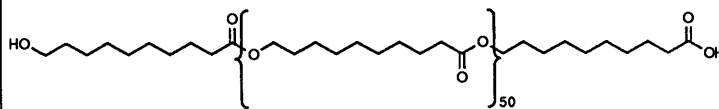


- 2387 **A novel approach to functionalised polycyclic systems; intramolecular Diels-Alder reactions of 2-acylated derivatives of 4H,6H-thieno[3,4-c]furan 5,5-dioxide**

Takaaki Hayashi, Yoh Kawakami, Katsuhiko Kono and Hiroaki Takayama

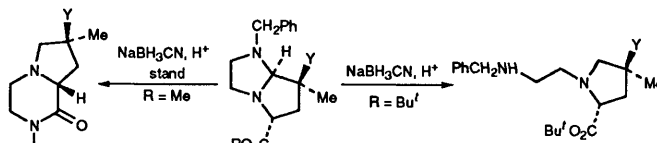


The title compound **1** was converted into **2**, which readily cyclised to give stereoselectively the functionalised tricyclic compound **3** in good yield

2389 Polymerisation of 10-hydroxydecanoic acid with the lipase from *Candida cylindracea*

David O'Hagan and Naveed A. Zaidi

The above polyester (\bar{M}_n 9346) has been prepared by condensation polymerisation of the monomer with the CC lipase in hexane

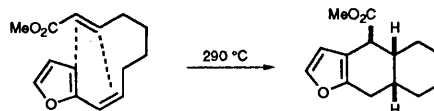
2391 1,3-Dipolar cycloadditions of 4,5-dihydroimidazolium ylides: new protocols for the synthesis of pyrrolidines and pyrrolo-[1,2-*a*]pyrazines

Raymond C. F. Jones and Kevin J. Howard

Hexahydropyrrolo[1,2-*a*]imidazoles, formed as cycloadducts from 4,5-dihydroimidazolium ylides *via* a new simplified protocol give, on reduction, hexahydropyrrolo[1,2-*a*]pyrazines or *N*-substituted pyrrolidines depending on the nature of the ester

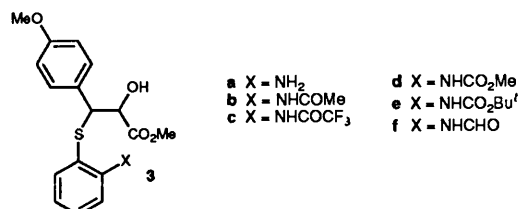
Articles

2395 Intramolecular Diels-Alder reactions of vinylfurans leading to furanodecalins



Philip Cornwall, Colin P. Dell and David W. Knight

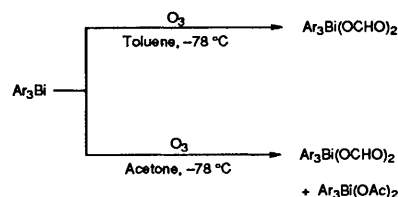
2-Furyl- and 3-furyl-nonadienoates undergo intramolecular Diels-Alder cyclisations when heated to 290 °C; (*Z*)-dienes undergo stereospecific reactions whereas the corresponding (*E*)-isomers show little stereocontrol

2407 Enzymatic acylation in the resolution of methyl *threo*-2-hydroxy-3-(4-methoxyphenyl)-3-(2-*X*-phenylthio)propionates in organic solvents

Liisa T. Kanerva and Oskari Sundholm

Compound **3** has been resolved by lipase PS-catalysed acylation

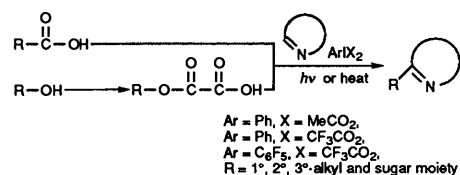
2411 Unexpected formation of triarylbi-muth diformates in the oxidation of triarylbi-muthines with ozone at low temperatures



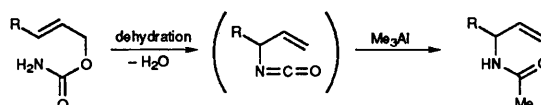
Hitomi Suzuki, Tohru Ikegami, Yoshihiro Matano and Nagao Azuma

2417 Radical decarboxylative alkylation onto hetero-aromatic bases with trivalent iodine compounds

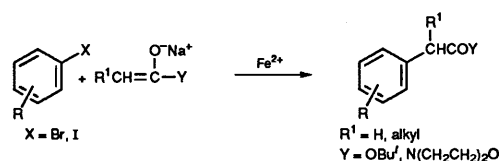
Hideo Togo, Masahiko Aoki, Tadashi Kuramochi and Masataka Yokoyama

2429 Novel, regioselective allylamine construction; first synthesis of geranylinaloisocyanide, a diterpene from the marine sponge, *Halichondria* sp.

Yoshiyasu Ichikawa, Masatugu Yamazaki and Minoru Isobe

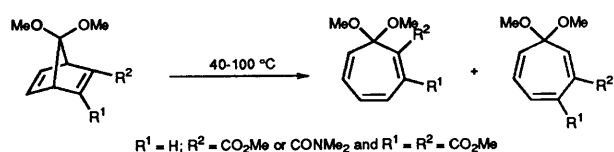
2433 A study of the ferrous ion-initiated S_{RN}1 reactions of halogenoarenes with *tert*-butyl acetate and *N*-acylmorpholine enolates

Milco van Leeuwen and Alexander McKillop



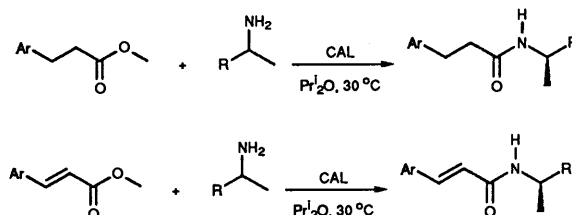
2441 Donor-acceptor accelerated norbornadiene rearrangements

Christine Bleasdale and David W. Jones

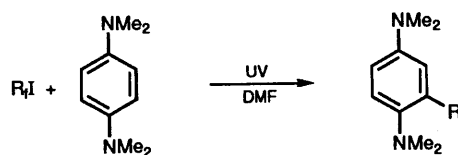


2453 Synthesis of optically active amides from β-furyl and β-phenyl esters by way of enzymatic aminolysis

Vicente Gotor, Emma Menéndez, Zephirin Mouloungui and Antoine Gaset

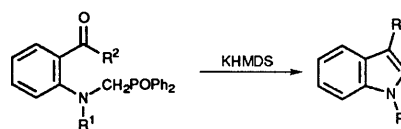
2457 Complexation and photoinduced electron-transfer reaction between perfluoroalkyl iodides and *N,N,N',N'*-tetramethylphenylene-1,4-diamine, anilines and piperazines

Qing-Yun Chen, Zhan-Ting Li and Cheng-Min Zhou

Irradiation of anilines and R_fI in DMF affords the corresponding perfluoroalkylated compounds in good yields

2463 **An expeditious synthesis of 3-alkyl-, aryl- and heteroaryl-indoles by way of an intramolecular Horner–Wittig reaction**

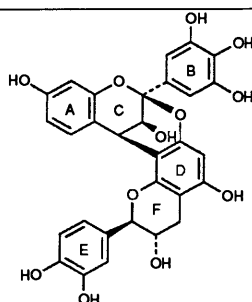
Axel Couture, Eric Deniau, Yves Gimbert and Pierre Grandclaudon



A variety of 3-alkyl-, aryl- and heteroaryl-indole derivatives have been efficiently prepared by base-induced intramolecular cyclization of suitable aromatic *o*-acyl substituted Horner–Wittig reagents

2467 **Oligomeric flavanoids. Part 16. Novel prorobinetinidins and the first A-type proanthocyanidin with a 5-deoxy A- and a 3,4-*cis* C-ring from the maiden investigation of commercial wattle bark extract**

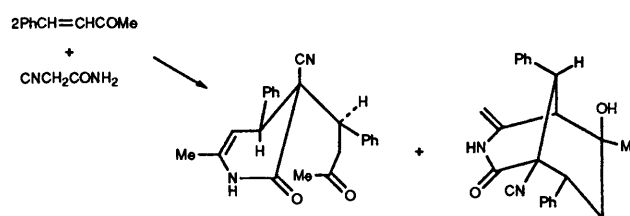
Annemarie Cronjé, Jan P. Steynberg, E. Vincent Brandt, Desmond A. Young and Daneel Ferreira



The first A-type proanthocyanidin with a 5-deoxy A- and a 3,4-*cis* C-ring is accompanied in commercial wattle bark extract by a range of 'phlobatannins' exhibiting the typical structural features that are essential for the use of 'Mimosa' extract in cold setting adhesives and leather tanning applications

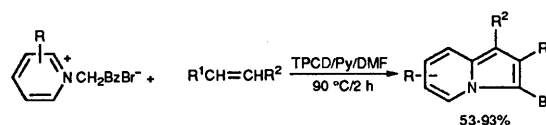
2479 **Reaction of 4-phenylbut-3-en-2-one with cyanoacetamide in 2:1 ratio**

Conor N. O'Callaghan, T. Brian H. McMurry, Christine J. Cardin and Deborah J. Wilcock



2487 **A facile one-step synthesis of aromatic indolizines by 1,3-dipolar cycloaddition of pyridinium and related heteroaromatic ylides with alkenes in the presence of TPCD [Copy₄(HCrO₄)₂]**

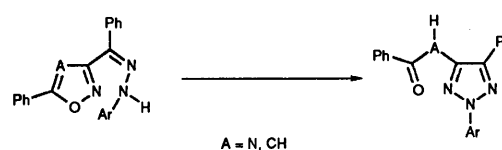
Xudong Wei, Yuefei Hu, Tingsheng Li and Hongwen Hu



A facile and general one-step method is presented for the synthesis of the aromatic indolizine compounds **3a–n** in moderate to high yields (53–99%) by 1,3-dipolar cycloaddition of pyridinium and related heteroaromatic ylides with alkenes in the presence of TPCD [Copy₄(HCrO₄)₂]

2491 **Copper(II)-catalyzed molecular rearrangements: the behaviour of arylhydrazones of some 3-benzoylazoles in the presence of copper(II) acetate**

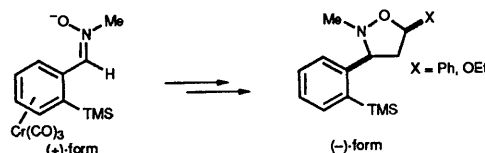
Silvestre Buscemi, Vincenzo Frenna, Nicolò Vivona and Domenico Spinelli



Copper(II) acetate in methanol effectively induces rearrangement of arylhydrazones of some 3-benzoylazoles (1,2,4-oxadiazole and isoxazole) into the corresponding 1,2,3-triazoles

2495 **Optically active tricarbonyl(η^6 -*o*-trimethylsilylbenzaldehyde)chromium(0) complexes in organic synthesis: a highly diastereoselective 1,3-dipolar cycloaddition with electron-rich olefins**

Chisato Mukai, In Jong Kim, Won Jea Cho, Masaru Kido and Miyoji Hanaoka



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NOTE: An asterisk in the heading of each paper indicates the author who is to receive any correspondence.

