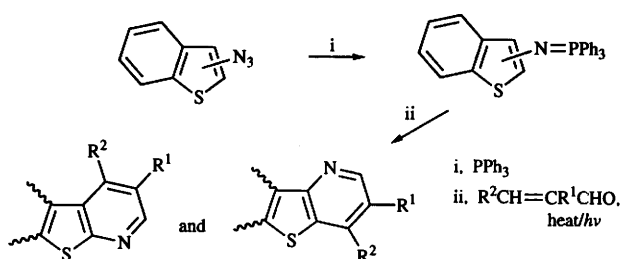


Communications

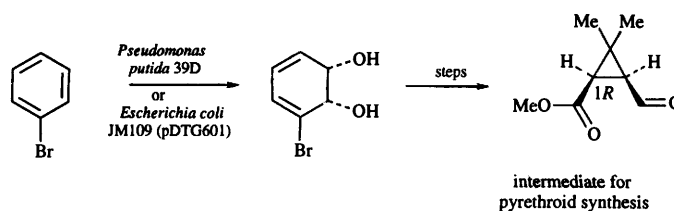
- 2561 New entry to benzo[*b*]thieno[2,3-*b*]- and benzo[*b*]thieno[3,2-*b*]-pyridines using 2- and 3-azidobenzo[*b*]thiophene as the nitrogen precursors

Alessandro Degl'Innocenti, Maria Funicello, Patrizia Scafato, Piero Spagnolo and Paolo Zanirato



- 2565 Chemoenzymatic routes to chiral (non-racemic) cyclopropanes. Preparation of a key intermediate for the synthesis of (1*R*)-*cis*-pyrethroids

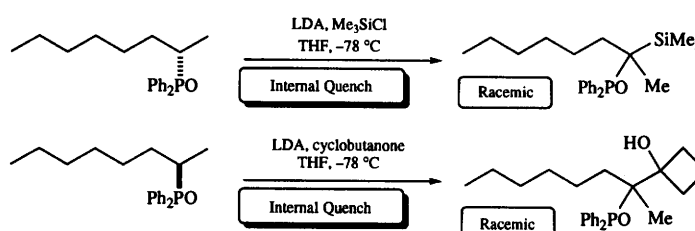
Martin G. Banwell and Grant S. Forman



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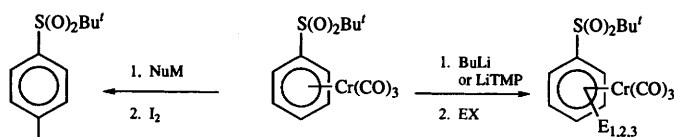
- 2567 Investigation of the configurational stability of lithiated phosphine oxides using diastereomerically pure and enantiomerically enriched phosphine oxides

Peter O'Brien and Stuart Warren



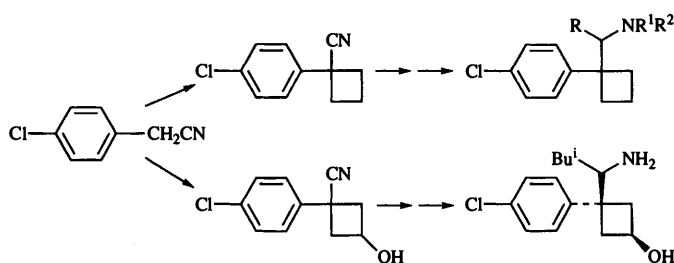
2575 A reactivity study of $[\eta^6\text{-}(tert\text{-butylsulfonyl})\text{-benzene}]tricarbonylchromium(0)$

Susan E. Gibson (née Thomas), Nathalie Guillo, Andrew J. P. White and David J. Williams



2583 Synthesis of sibutramine, a novel cyclobutylalkylamine useful in the treatment of obesity, and its major human metabolites

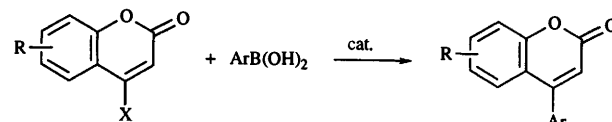
James E. Jeffery, Frank Kerrigan, Thomas K. Miller, Graham J. Smith and Gerald B. Tometzki



Several cyclobutylalkylamines are synthesised *via* key cycloalkylation and tandem Grignard–reduction reactions

2591 Synthesis of neoflavones by Suzuki arylation of 4-substituted coumarins

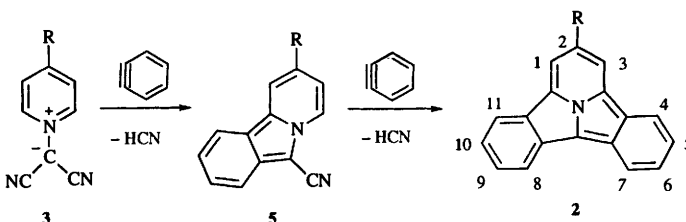
Gerard M. Boland, Dervilla M. X. Donnelly, Jean-Pierre Finet and Martin D. Rea



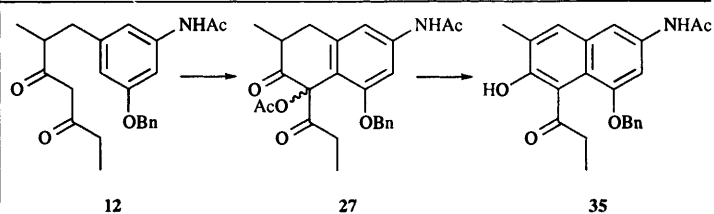
X = Cl or Br, cat. = $\text{Pd}(\text{PPh}_3)_4$, yield: 72–95%
X = OSO_2CF_3 , cat. = $\text{Pd}(\text{PPh}_3)_4 + \text{CuI}$, yield: 71–96%

2599 Formation of 1,2,3,4-dibenzocycl[2.2.3]azines by a novel consecutive 1,3-dipolar cycloaddition of pyridinium dicyanomethylides to benzyne

Kiyoshi Matsumoto, Hideki Katsura, Takane Uchida, Kinuyo Aoyama and Takahisa Machiguchi

2603 Radical-mediated cyclisation of δ -aryl- β -dicarbonyl compounds to β -tetralones [3,4-dihydronaphthalen-2(1H)-ones]

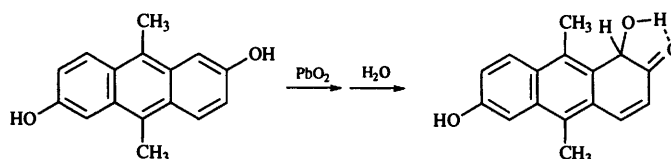
Joanne F. Jamie and Rodney W. Rickards

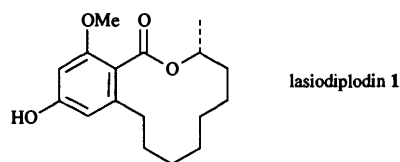


Manganese(III) acetate cyclises δ -aryl- β -dicarbonyl compounds to β -tetralones which yield β -naphthols on aromatisation

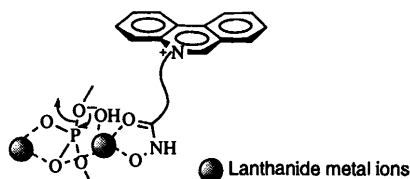
2615 Quinones. Part 14. Attempted synthesis of 9,10-dimethyl-2,6-anthraquinone. Desmotropic formation of secondary *ortho*-anthraquinoles instead of 1,2-anthrahydroquinones

Peter Boldt, Stephan Zippel and Michael Ratzkowsky

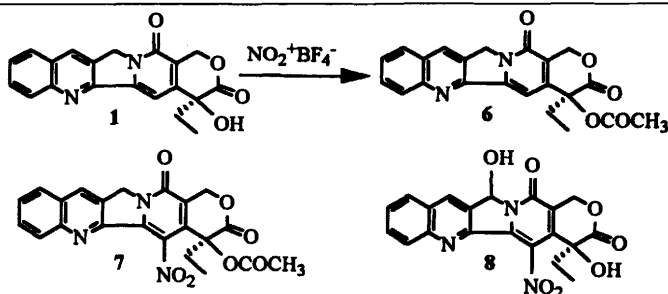


2619 **Enantiodivergent synthesis of both enantiomers of the macrocyclic lactone lasiodiplodin**

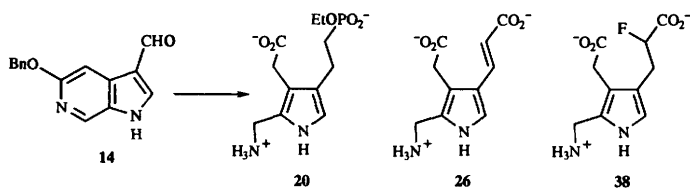
Franz Bracher and Brigitte Schulte

2623 **Characterization of lanthanide-mediated DNA cleavage by intercalator-linked hydroxamic acids: comparison with transition systems**

Shigeki Hashimoto and Yushin Nakamura

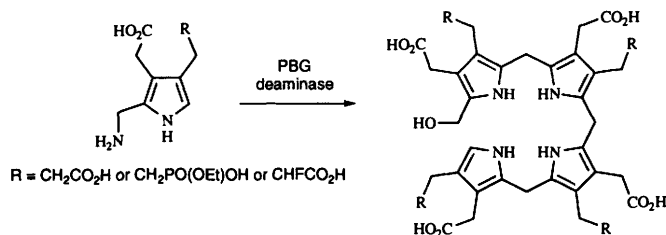
2629 **Preparation of 14-nitrocamptothecin derivatives by reactions of camptothecin with nitronium tetrafluoroborate in acidic solvents**

Zhisong Cao

2633 **Synthesis of analogues of porphobilinogen**

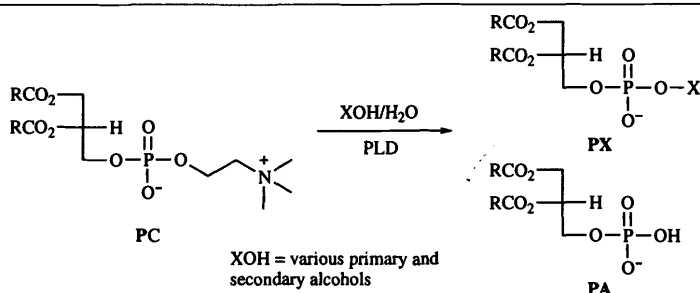
Syntheses are described of several analogues of porphobilinogen (PBG) including the phosphonate **20**, 8,9-didehydropBG **26** and 9-fluoropBG **38**, all three of which are made from the aldehyde **14**

Finian J. Leeper, Martin Rock and Diana Appleton

2643 **Interaction of analogues of porphobilinogen with porphobilinogen deaminase**

Fluorinated and phosphonate analogues of porphobilinogen are potent competitive inhibitors and slow substrates of porphobilinogen deaminase

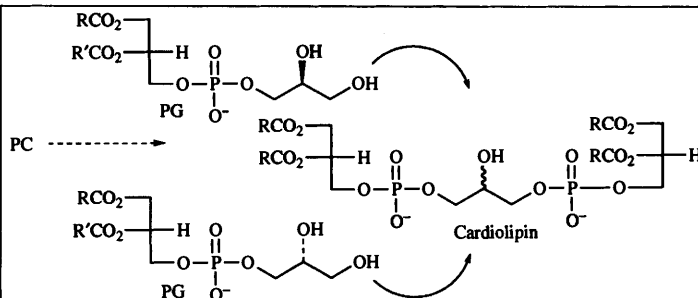
Finian J. Leeper and Martin Rock

2651 **Preparative transformation of natural phospholipids catalysed by phospholipase D from *Streptomyces***

Paola D'Arrigo, Lorenzo de Ferra, Valentino Piergianni, Antonio Selva, Stefano Servi and Alberto Strini

2657 **Enzyme-mediated synthesis of two diastereoisomeric forms of phosphatidylglycerol and of diphosphatidylglycerol (cardiolipin)**

Paola D'Arrigo, Lorenzo de Ferra, Giuseppe Pedrocchi-Fantoni, Domenico Scarcelli, Stefano Servi and Alberto Strini



Corrigenda

2661 **Stereoselective addition of organometallic reagents to *N*-(tosyl)vinylsulfoximines** Richard F. W. Jackson, Andrew D. Briggs, Paul A. Brown, William Clegg, Mark R. J. Elsegood and Christopher Frampton

2661 **Aziridination of α,β -unsaturated esters bearing allylic hydroxy groups with 3-acetoxyaminoquinazolines: evidence for a mechanism comprising Michael addition- S_N2 nucleophilic displacement of acetoxy for aziridination of α,β -unsaturated esters** Robert S. Atkinson and Paul J. Williams

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

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The occurrence of phenylpyruvic acid in woody plants: biosynthetic significance and synthesis of an enolic glucoside derivative

C. Marais, J.A. Steenkamp and D. Ferreira

A new solid-phase oligosaccharide synthesis on glycopeptides bound to a solid phase

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Y. Ito and G. Olovsson

Anomalous fluorinations of 3-aryl-2-hydroxypropanoic esters by diethylaminosulfur trifluoride (DAST)

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Tandem Beckmann and Huisgen–White rearrangement of the 9-azabicyclo[3.3.1]nonan-3-one system. Part 2. The second mode of the rearrangement leading to [6-(prop-1-enyl)piperidin-2-yl]acetic acid, a versatile intermediate for the syntheses of piperidine alkaloids (+)-pinidine and (+)-monomorine

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Stereoselective coupling of riboses with metallic salts of aromatic heterocycles

M. Yokoyama, H. Toyoshima, M. Shimizu and H. Togo

Generation of homochiral aziridinium ion intermediates derived from 2,3-epoxy amines: regiospecific nucleophilic trapping with nitrogen nucleophiles. Application in the synthesis of novel morpholinospingolipid analogues with potential glucosylceramide synthase inhibitory activity

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Synthesis of conformationally constrained phenylalanine analogues *via* 7-, 8- and 9-*endo* Heck cyclisations

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