

JOURNAL OF THE CHEMICAL SOCIETY

Perkin Transactions 1

Organic and Bio-organic Chemistry

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Perkin Communications

1275 **Aza-Wittig rearrangements and cyclizations by transmetalation of *N*-benzylaminomethylstannanes**

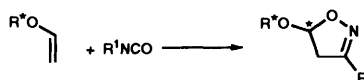
Iain Coldham



Transmetalation of aminomethylstannanes with methyl lithium allows carbon-carbon bond formation by a [1,2]-sigmatropic shift or by cyclization

1277 **Cycloaddition of nitrile oxides to homochiral vinyl ethers**

Andrew N. Boa, Susan E. Booth, David A. Dawkins, Paul R. Jenkins, John Fawcett and David R. Russell



The diastereoselectivity in the cycloaddition of nitrile oxides to homochiral vinyl ethers is dependent upon the auxiliary R*

1279 **A new and facile synthesis of 1*H*-indazoles**

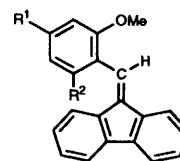
Zhong Zhenqi, Xu Tongsheng, Chen Xiaonai, Qiu Yuzhu, Zhang Zheng and Hu Hongwen



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- 1281 **Sites of successive bromination of the ambident nucleophiles 2-methoxy-, 2,4-dimethoxy- and 2,4,6-trimethoxy-benzylidenefluorenes and 2,2-dimesityl-1-*tert*-butylethenol**

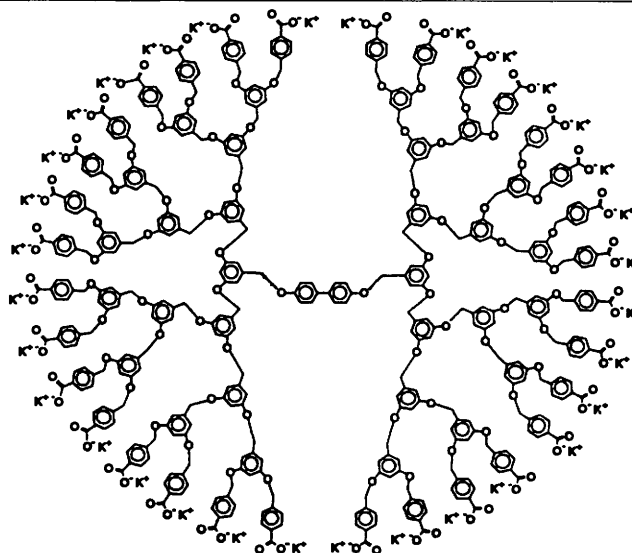
Bagrat A. Shainyan, Irina Eventova and Zvi Rappoport



The selectivity in ring *vs.* C=C bromination of methoxyarylidene fluorenes ($R^1, R^2 = H$ or MeO) depends on both steric and electronic effects

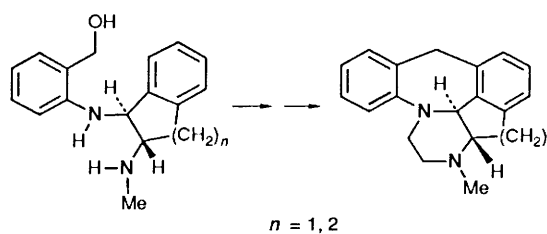
- 1287 **Unimolecular micelles and globular amphiphiles: dendritic macromolecules as novel recyclable solubilization agents**

Craig J. Hawker, Karen L. Wooley and Jean M. J. Fréchet



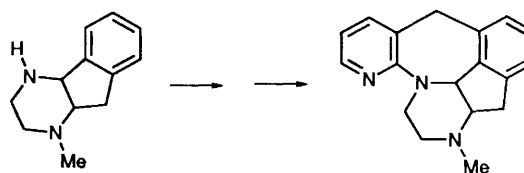
- 1299 **Stereoselective construction of vicinal diamines. Part 1. Synthesis of fused pyrazines**

Barry S. Orlek, Gary T. Borrett and Duncan M. Smith



- 1307 **Stereoselective construction of vicinal diamines. Part 2. Synthesis of indenopyrazines**

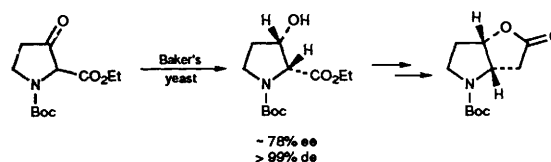
Barry S. Orlek and Diane Lightowler



Stereoselective routes to *cis*- and *trans*-isomers

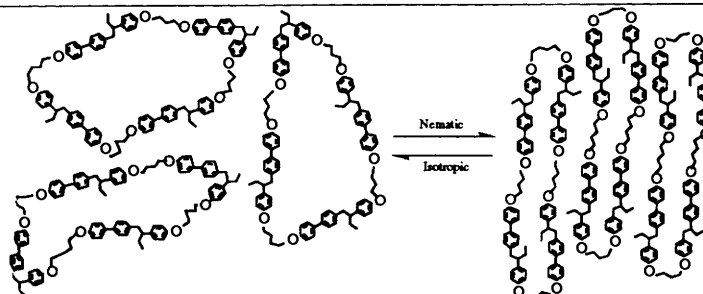
- 1313 **Bakers' yeast reductions of β -oxopyrrolidincarboxylates: synthesis of (+)-*cis*-(2*R*,3*S*)-3-hydroxyproline and (-)-(1*S*,5*S*)-Geissman–Waiss lactone, a useful precursor to pyrrolizidine alkaloids**

Jeremy Cooper, Peter T. Gallagher and David W. Knight



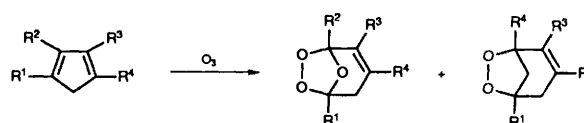
- 1319 **Similarities and differences between the mesomorphic behaviour of oligomeric macrocyclics and of linear high relative molecular mass polyethers based on 1-(4'-hydroxybiphenyl-4-yl)-2-(4-hydroxyphenyl)butane and flexible spacers**

Virgil Percec and Masaya Kawasumi



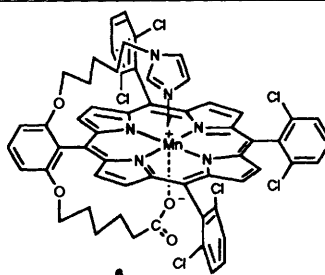
- 1335 **Ozonolysis of cyclopentadiene derivatives. Competitive participation of [3 + 2] and [3 + 4] cycloadditions of carbonyl oxide moieties to α,β -unsaturated carbonyl groups**

Mitsuyuki Mori, Hideyuki Yamakoshi, Masatomo Nojima, Shigekazu Kusabayashi, Kevin J. McCullough, Karl Griesbaum, Petra Krieger-Beck and In-Chan Jung



- 1345 **Tailed Mn^{III}-tetraarylporphyrins bearing an axial ligand and/or a carboxylic group: self-consistent catalysts for H₂O₂ or NaOCl alkene epoxidation**

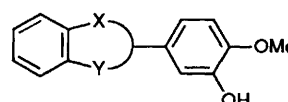
Pier Lucio Anelli, Stefano Banfi, Francesco Legramandi, Fernando Montanari, Gianluca Pozzi and Silvio Quici



Within a series of tailed Mn^{III}-porphyrins, **6** is a particularly efficient catalyst in 30% H₂O₂-promoted alkene epoxidations, not requiring any added co-catalyst

- 1359 **Isovanillyl sweeteners. Synthesis and sweet taste of sulfur heterocycles**

Anna Arnoldi, Angela Bassoli, Lucio Merlini and Enzo Ragg



A series of isovanillyl compounds containing sulfur was synthesised and tasted: the sweetness potency is maintained or improved with respect to oxygen analogues

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