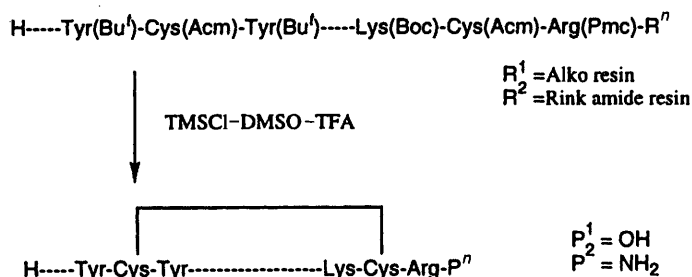


Communication

- 1911 A convenient one-pot synthesis of cystine-containing peptides from protected peptidyl resins using the trimethylsilyl chloride–dimethyl sulfoxide–trifluoroacetic acid system

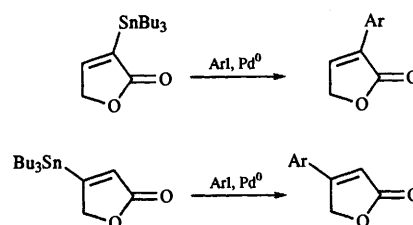
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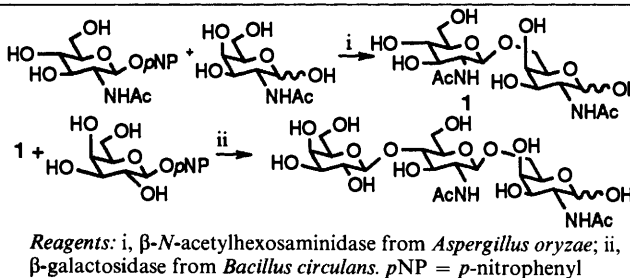
- 1913 Preparation and palladium-catalysed cross-coupling reactions of 3- and 4-tributylstannyl-furan-2(5H)-ones

Gregory J. Hollingworth, Gemma Perkins and Joseph Sweeney



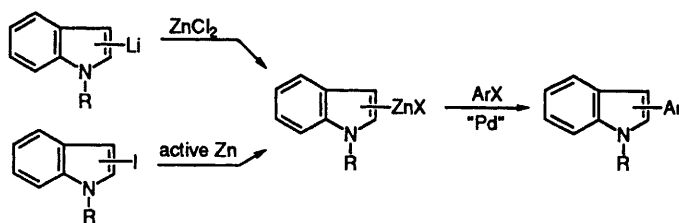
- 1921 Glycosidase-catalysed oligosaccharide synthesis of di-, tri- and tetra-saccharides using the *N*-acetylhexosaminidase from *Aspergillus oryzae* and the β -galactosidase from *Bacillus circulans*

Suddham Singh, Michaela Scigelova, Gabin Vic and David H. G. Crout

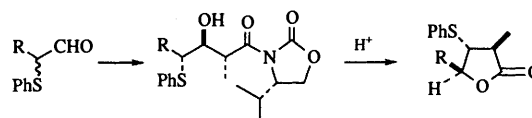


1927 Preparation and palladium-catalysed arylation of indolylzinc halides

Takao Sakamoto, Yoshinori Kondo, Nobuo Takazawa and Hiroshi Yamanaka

1935 Kinetic resolution in asymmetric *anti* aldol reactions of branched and straight chain racemic 2-phenylsulfanyl aldehydes: asymmetric synthesis of cyclic ethers and lactones by phenylsulfanyl migration

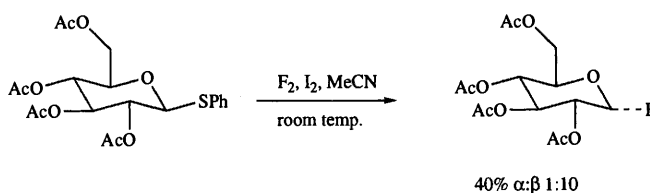
Kelly Chibale and Stuart Warren



Lewis acid-catalysed asymmetric aldol reactions with racemic 2-phenylsulfanyl aldehydes lead to single enantiomers of diols and hence by rearrangement to tetrahydrofurans and butanolides

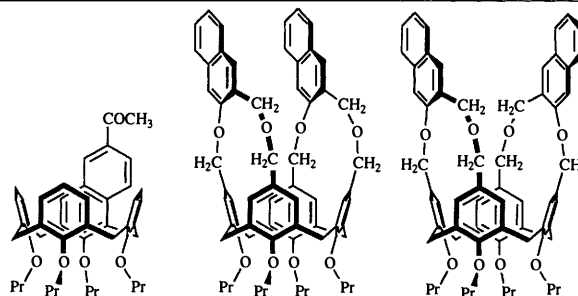
1941 Elemental fluorine. Part 5. Reactions of 1,3-dithiolanes and thioglycosides with fluorine-iodine mixtures

Richard D. Chambers, Graham Sandford, Matthew E. Sparrowhawk and Malcolm J. Atherton

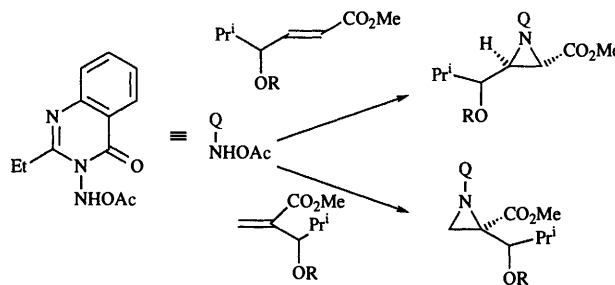


1945 Synthesis and optical resolution of naphthalene-containing inherently chiral calix[4]arenes derived by intramolecular ring closure or stapling of proximal phenyl units

Atsushi Ikeda, Makoto Yoshimura, Pavel Lhotak and Seiji Shinkai

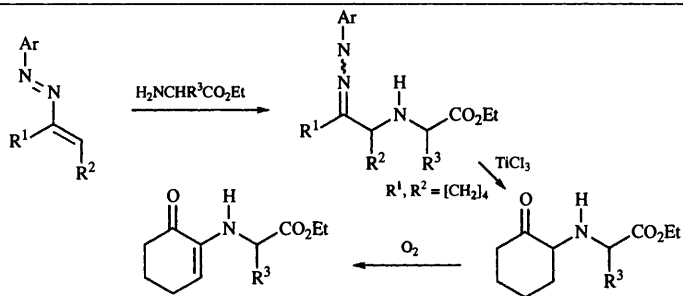
1951 Aziridination of α,β -unsaturated esters bearing allylic hydroxy groups with 3-acetoxyaminoquinazolinones: evidence for a mechanism comprising Michael addition–S_N2 nucleophilic displacement of acetoxy for aziridination of α,β -unsaturated esters

Robert S. Atkinson and Paul J. Williams

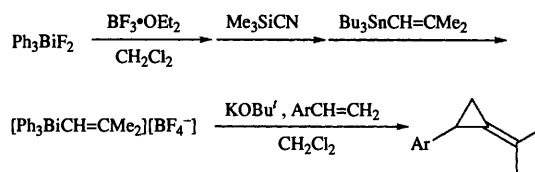
Changes in the preferred sense of diastereoselectivity in aziridinations of hydroxy- α,β -unsaturated esters (R = H) and their acetates (R = Ac) are interpreted in terms of the mechanism given in the title

1961 **Reactivity of conjugated azoalkenes towards α -amino acid ethyl esters**

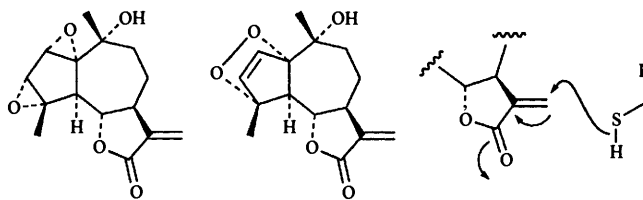
Silvano Bozzini, Fulvia Felluga,
Giorgio Nardin, Alessandro Pizzioli,
Giuliana Pitacco and Ennio Valentini

1971 **First synthesis, X-ray structure analysis and reactions of alkenyltriphenylbismuthonium salts**

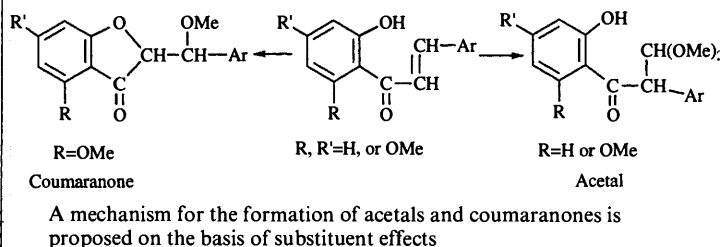
Yoshihiro Matano, Masanori Yoshimune,
Nagao Azuma and Hitomi Suzuki

1979 **Sesquiterpene lactones from feverfew, *Tanacetum parthenium*: isolation, structural revision, activity against human blood platelet function and implications for migraine therapy**

Martin J. Hewlett, (the late) Michael J.
Begley, W. Antoinette Groenewegen, Stan
Heptinstall, David W. Knight, Jane May,
Umit Salan and Dane Toplis

1987 **Oxidative rearrangement of 2'-hydroxy-chalcones having no substituent at the 3'- and 5'-positions with thallium(III) nitrate in methanol**

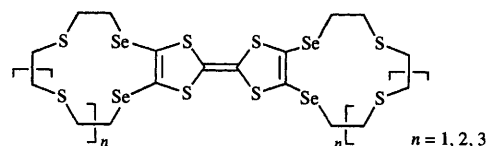
Tokunaru Horie, Yasuhiko Kawamura,
Chikako Sakai, Ayako Akita, Masahiro
Sasagawa and Toshihide Yamada

1993 **Selective reduction of mixed anhydrides of carboxylic acids to alcohols using borohydride exchange resin (BER)-nickel acetate**

B. P. Bandgar, R. K. Modhave,
P. P. Wadgaonkar and A. R. Sande

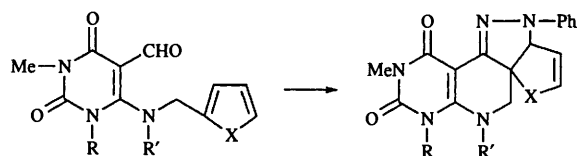
1995 **Synthesis of novel tetrathiafulvalene derivatives with thiacrofins**

Michael Wagner, Dennis Madsen, Jan
Markussen, Sine Larsen, Kjeld Schaumburg,
Karl-Heinz Lubert, Jan Becher and
Ruth-Maria Olk



1999 **Studies on pyrimidine-annelated heterocycles: synthesis of novel pyrazolo[3',4':4,5]pyrido[2,3-d]pyrimidines by intramolecular 1,3-dipolar cycloadditions**

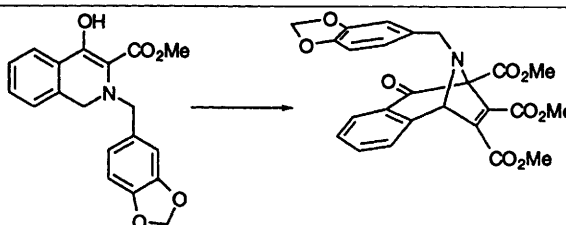
Bipul Baruah, Dipak Prajapati, Jagir S. Sandhu and Anil C. Ghosh



Various novel pyrazolopyridopyrimidine derivatives have been synthesized by intramolecular cycloaddition

2005 **Synthesis of benzocycloheptenones by 1,3-dipolar additions of 2-(1,3-benzodioxol-5-ylmethyl)-4-hydroxy-3-methoxycarbonylisoquinolin-2-ium chloride with dipolarophiles**

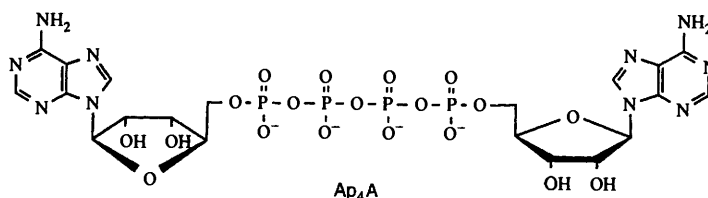
Jeremy J. Edmunds, Xue-Min Cheng and Brian Tobias



Synthesis of benzocycloheptenones *via* the azomethine ylide generated with thionyl chloride

2009 **Characterisation of stress protein LysU. Enzymic synthesis of diadenosine 5',5'''-P¹,P⁴-tetraphosphate (Ap₄A) analogues by LysU**

Maria-Elena Theoclitou, E. Pernilla L. Wittung, Alison D. Hindley, Talal S. H. El-Thaher and Andrew D. Miller



2021 **Isolation and structural elucidation of the 11-residue peptaibol antibiotic, harzianin HK VI**

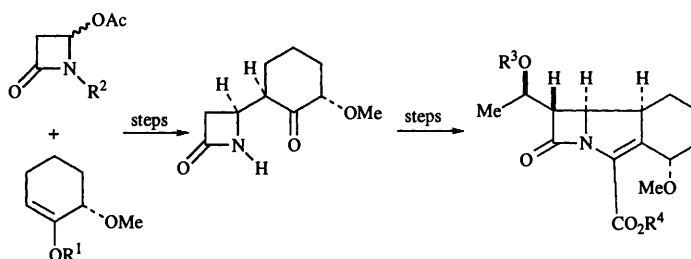
Sylvie Rebuffat, Sanae Hlimi, Yann Prigent, Christophe Goulard and Bernard Bodo

1 2 3 4 5 6 7 8 9 10 11
Ac Aib Asn Ile Ile Aib Pro Leu Leu Aib Pro Leuol

The sequence and conformation of harzianin HK VI, an 11-residue peptaibol which increases the permeability of liposomes, has been studied by FAB MS and NMR spectroscopy

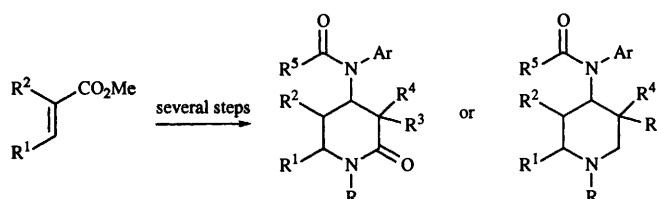
2029 **Synthesis of esters of the potent anti-bacterial trinem and analogues**

P. Mark Jackson, Stanley M. Roberts, Silvia Davalli, Daniele Donati, Carla Marchioro, Alcide Perboni, Stefano Proviera and Tino Rossi



2041 **The synthesis of lactam analogues of fentanyl**

Ivan V. Mićović, Goran M. Roglić, M. D. Ivanović, Ljiljana Došen-Mićović, Vesna D. Kiricojević and Jelena B. Popović



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Submission of chemical structure diagrams

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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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Z. Cao

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E. Bosch and J.K. Kochi

Absolute configuration of flavanone–benzofuranone-type biflavonoids and 2-benzyl-2-hydroxybenzofuranones

R. Bekker, E.V. Brandt and D. Ferreira

Stereoselective synthesis of trifluoromethylated α -chloro- α,β -unsaturated esters and nitriles

Y. Shen and S. Gao

Convenient route for the synthesis of 3-substituted and 3,4-disubstituted pyrrole-2,5-dicarbaldehydes

S. Cadamuro, I. Degani, R. Fochi, A. Gatti and L. Piscopo

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T.S. Kaufman

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Mechanistic aspects of the synthesis of 3-aminopyrroles from substituted 2-methyl-1,2-thiazolium salts or 3-aminothioacrylamides

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