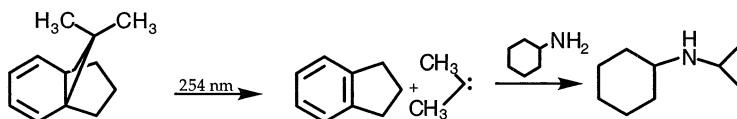


Bimolecular chemistry of dimethylcarbene*Tetrahedron Letters 42 (2001) 3049*

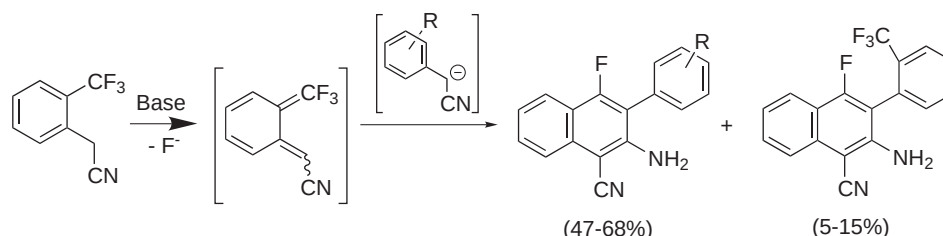
Igor R. Likhovtchikov, Eric Tippmann and Matthew S. Platz*

Department of Chemistry, The Ohio State University, Columbus, OH 43210, USA

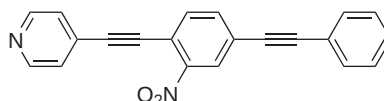
Efficient bimolecular chemistry of dimethylcarbene is reported.

**A facile one-pot synthesis of polysubstituted naphthalenes***Tetrahedron Letters 42 (2001) 3053*

Alexander S. Kiselyov*

Department of Chemistry, ImClone Systems, Inc., 180 Varick Street, 6th Floor, New York, NY 10014, USA**Synthesis of potential molecular electronic devices containing pyridine units***Tetrahedron Letters 42 (2001) 3057*

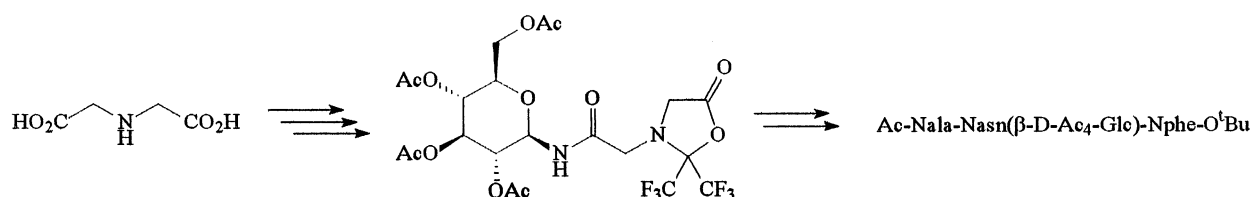
Stephanie H. Chanteau and James M. Tour*

Department of Chemistry and Center for Nanoscale Science and Technology, Rice University, 6100 Main Street, Houston, TX 77005, USA**A new efficient approach to N-linked glycopeptides***Tetrahedron Letters 42 (2001) 3061*

Klaus Burger,* Christoph Böttcher, Gabor Radics and Lothar Hennig

Department of Organic Chemistry, University of Leipzig, Johannisallee 29, D-04103 Leipzig, Germany

A new method for the synthesis of N-glycosylated peptoids is described.

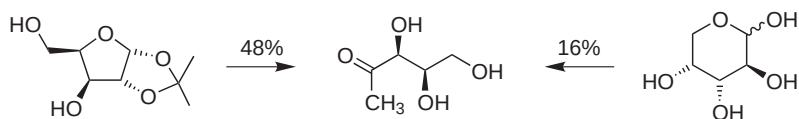


Elucidation of the 2-C-methyl-D-erythritol 4-phosphate pathway for isoprenoid biosynthesis: straightforward syntheses of enantiopure 1-deoxy-D-xylulose from pentose derivatives

Tetrahedron Letters 42 (2001) 3065

Jean-François Hoeffler, Catherine Grosdemange-Billiard and Michel Rohmer*

Université Louis Pasteur/CNRS, Institut Le Bel, 4 rue Blaise Pascal, 67070 Strasbourg, France

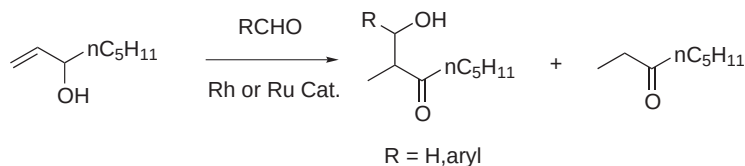


A tandem allylic alcohol isomerization–aldol condensation catalyzed by Rh and Ru complexes

Tetrahedron Letters 42 (2001) 3069

Ramalinga Uma, Maxwell Davies, Christophe Crévisy and René Grée*

ENSCR, Laboratoire de Synthèses et Activations de Biomolécules, associé au CNRS, Avenue du Général Leclerc, 35700 Rennes Beaulieu, France

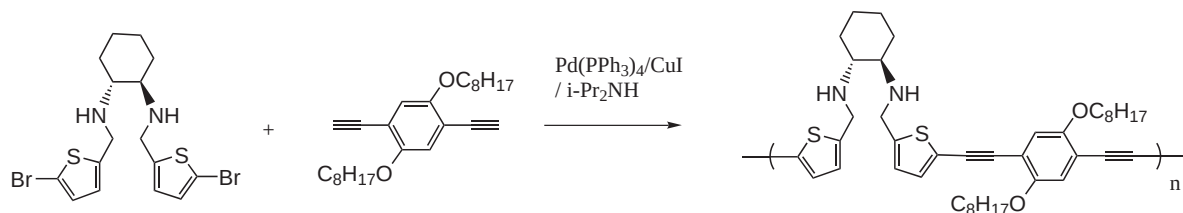


A chiral polymer with alternating conjugated segments and (1R,2R)-1,2-diaminocyclohexane as a unit with C₂ symmetry

Tetrahedron Letters 42 (2001) 3073

Jean-Pierre Lère-Porte, Joël J. E. Moreau,* Françoise Serein-Spirau and Salem Wakim

Hétérochimie Moléculaire et Macromoléculaire, CNRS UMR 5076, Ecole Nationale Supérieure de Chimie, 8 rue de l'Ecole Normale, 34296 Montpellier Cedex 5, France



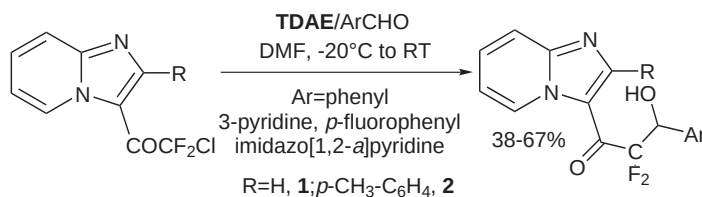
Synthesis and electron-transfer reactions of some 3-difluoroacetylated imidazo[1,2-a]pyridine derivatives

Tetrahedron Letters 42 (2001) 3077

Conrad Burkholder,^a William R. Dolbier, Jr.,^a Maurice Médebielle^{b,*} and Samia Ait-Mohand^b

^aUniversity of Florida, Department of Chemistry, PO Box 117200, Gainesville, FL 32611-7200, USA

^bUniversité Denis Diderot-Paris 7, Laboratoire d'Electrochimie Moléculaire, UMR CNRS 7591, 2 Place Jussieu, Case courrier 7107, 75251 Paris Cedex 05, France

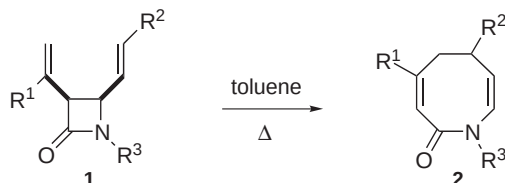


Functionalized eight-membered lactams via [3,3] sigmatropic rearrangement of 2-azetidinone-tethered 1,5-dienes

Tetrahedron Letters 42 (2001) 3081

Benito Alcaide,* Carolina Rodríguez-Ranera, and Alberto Rodríguez-Vicente

Departamento de Química Orgánica I, Facultad de Ciencias Químicas, Universidad Complutense de Madrid, 28040 Madrid, Spain

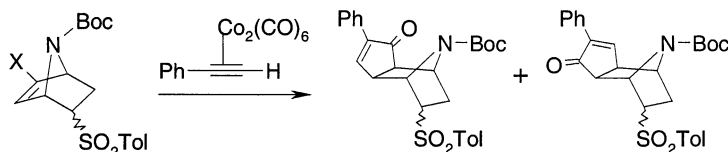


First intermolecular Pauson–Khand reaction of 7-azanorbornenes. Control of the regioselectivity by the effect of the substituents attached to the olefinic partner

Tetrahedron Letters 42 (2001) 3085

Odón Arjona,* Aurelio G. Csáky, Rocío Medel and Joaquín Plumet*

Departamento de Química Orgánica I, Facultad de Química, Universidad Complutense, 28040 Madrid, Spain

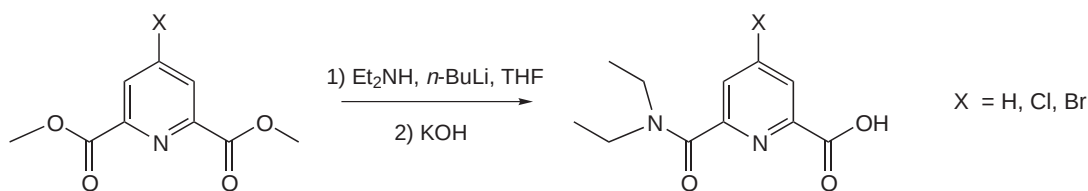


A new versatile methodology for the synthesis of 4-halogenated-6-diethylcarbamoylpyridine-2-carboxylic acids

Tetrahedron Letters 42 (2001) 3089

Anne-Sophie Chauvin,* Raphaël Tripiier and Jean-Claude G. Bünzli

Institute of Inorganic and Analytical Chemistry, BCH, University of Lausanne, CH-1015 Lausanne, Switzerland



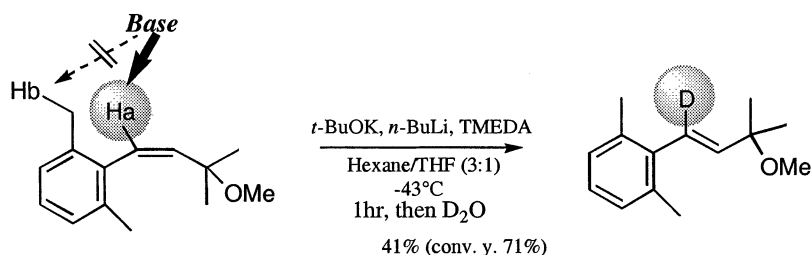
Vinyl hydrogen more reactive than benzyl hydrogen toward base in significantly twisted styrenes

Tetrahedron Letters 42 (2001) 3093

Hajime Mori,^a Takafumi Matsuo,^a Yasunori Yoshioka^b and Shigeo Katsumura^{a,*}

^a*School of Science, Kwansei Gakuin University, Uegahara 1-1-155, Nishinomiya, Hyogo 662-8501, Japan*

^b*Department of Chemistry, Graduate School of Science, Osaka University, Toyonaka, Osaka 560-0043, Japan*



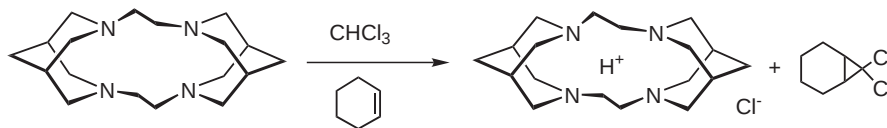
A novel hindered macrocyclic tetramine containing two bispidine units. A new type of proton sponge

Tetrahedron Letters 42 (2001) 3097

Yuji Miyahara,* Kenta Goto and Takahiko Inazu*

Department of Chemistry, Faculty of Science, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan

A new cyclam-like tetramine in a very hindered environment is a strong non-nucleophilic base enough to abstract the CHCl_3 proton.

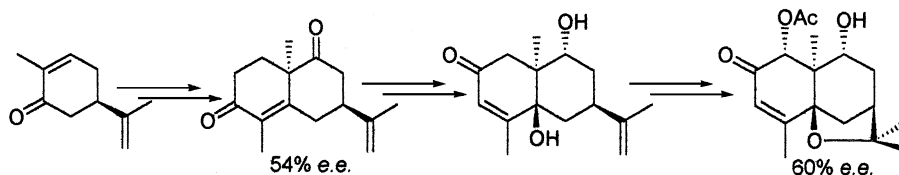


An enantioselective synthetic strategy toward the polyhydroxylated agarofuran

Tetrahedron Letters 42 (2001) 3101

Gang Zhou, Xiaolei Gao, Weidong Z. Li and Yulin Li*

National Laboratory of Applied Organic Chemistry and Institute of Organic Chemistry, Lanzhou University, Lanzhou, Gansu 730000, PR China

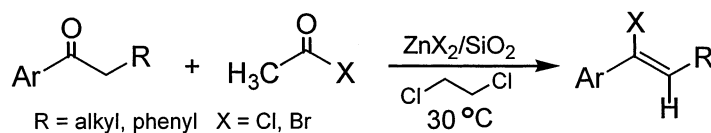


Convenient synthesis of aryl-substituted halo olefins from aromatic ketones and acetyl halides in the presence of silica gel-supported zinc halides

Tetrahedron Letters 42 (2001) 3105

Mitsuo Kodomari,* Takashi Nagaoka and Yuhsuke Furusawa

Department of Industrial Chemistry, Shibaura Institute of Technology, Shibaura, Minato-ku, Tokyo 108-8548, Japan



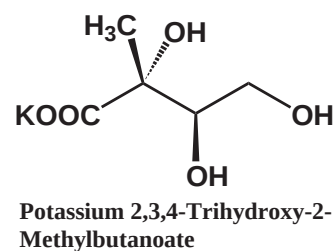
Potassium 2,3,4-trihydroxy-2-methylbutanoate, a leaf-closing substance of *Leucaena leucocephala*

Tetrahedron Letters 42 (2001) 3109

Minoru Ueda,^{a,*} Yoshihiro Sohtome,^a Katsuhiro Ueda^b and Shosuke Yamamura^{a,*}

^aLaboratory of Natural Products Chemistry, Department of Chemistry, Faculty of Science and Technology, Keio University, Hi-yoshi, Yokohama 223-8522, Japan

^bDepartment of Chemistry, Biology and Marine Science, The University of Ryukyus, Nishihara-cho, Okinawa 903-0213, Japan



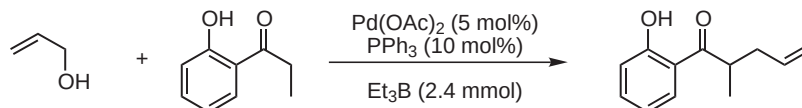
Et₃B-promoted, Pd-catalyzed C-allylation of *o*-hydroxyacetophenone and its derivatives with allyl alcohols

Tetrahedron Letters 42 (2001) 3113

Yoshikazu Horino, Makoto Naito, Masanari Kimura, Shuji Tanaka and Yoshinao Tamaru*

Department of Applied Chemistry, Faculty of Engineering, Nagasaki University, 1-14 Bunkyo-Machi, Nagasaki 852-8521, Japan

Triethylborane promotes the Pd-catalyzed C-allylation of *o*-hydroxyacetophenone and its derivatives with a variety of allyl alcohols.



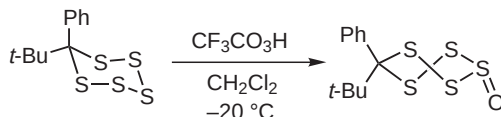
An S-oxide of 6-*tert*-butyl-6-phenylpentathiane. Structure in the crystalline state and in solution and thermal decomposition

Tetrahedron Letters 42 (2001) 3117

Akihiko Ishii,* Hideaki Oshida and Juzo Nakayama*

Department of Chemistry, Faculty of Science, Saitama University, Urawa, Saitama 338-8570, Japan

The 3-oxide takes a twist conformation both in the crystalline state and in solution. Thermal decomposition of the 3-oxide in the presence of 2,3-dimethyl-1,3-butadiene yielded both S₂O- and S₂-transferred products.

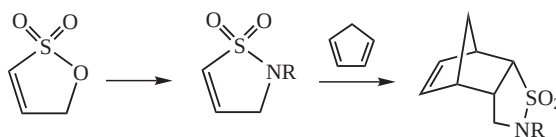


Synthesis and Diels–Alder reactions of α,β -unsaturated- γ -sultams

Tetrahedron Letters 42 (2001) 3121

K. F. Ho, Dennis C. W. Fung, W. Y. Wong, W. H. Chan* and Albert W. M. Lee*

Department of Chemistry, Hong Kong Baptist University, Kowloon Tong, Kowloon, Hong Kong



Synthesis of 2*H*-1,4-benzothiazin-3(4*H*)-ones and 2*H*-1,4-benzoselenazin-3(4*H*)-ones with the aid of samarium(II) iodide

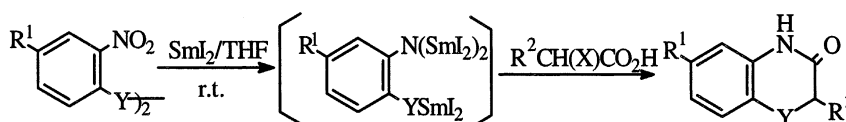
Tetrahedron Letters 42 (2001) 3125

Weihui Zhong^a and Yongmin Zhang^{a,b,*}

^a*Department of Chemistry, Zhejiang University (Campus Xixi), Hangzhou 310028, PR China*

^b*Laboratory of Organometallic Chemistry, Chinese Academy of Sciences, Shanghai 200032, PR China*

2*H*-1,4-Benzothiazin-3(4*H*)-ones and 2*H*-1,4-benzoselenazin-3(4*H*)-ones were synthesized via reductive cyclization of bis(*o*-nitrophenyl) disulfides or diselenides with α -halocarboxylic derivatives with the aid of samarium(II) iodide

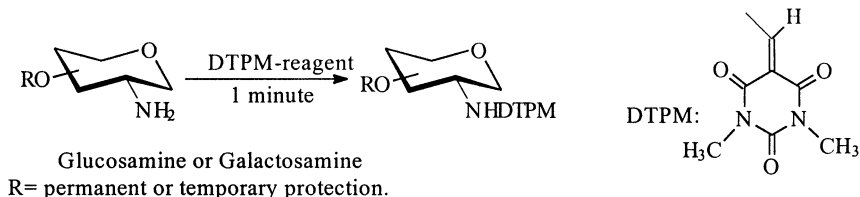


A novel amino protecting group: DTPM

Tetrahedron Letters 42 (2001) 3129

Gyula Dekany, Laurent Bornaghi,* John Papageorgiou and Stephen Taylor

Alchemia Pty Ltd, PO Box 6242, Upper Mt Gravatt, Brisbane, Queensland 4122, Australia



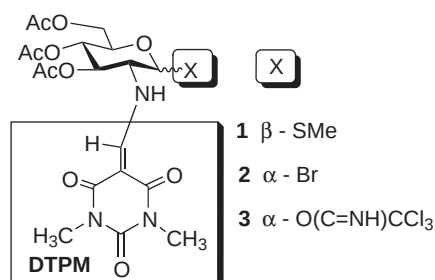
Application of novel, N-DTPM protected D-glucosamine building blocks in oligosaccharide synthesis

Tetrahedron Letters 42 (2001) 3133

Latika Singh and Joachim Seifert*

Alchemia Pty Ltd., 3 Hi-Tech Court, Brisbane Technology Park, Eight Mile Plains, Qld 4113, Australia

Glycosylation studies were performed, using novel N-DTPM protected donors **1–3** with acceptors **4–9**, ranging from achiral primary alcohols to various alcohols within the D-GlcNAc-, D-Gal- and D-Glu-series, displaying high yielding reactions with good β -selectivities.



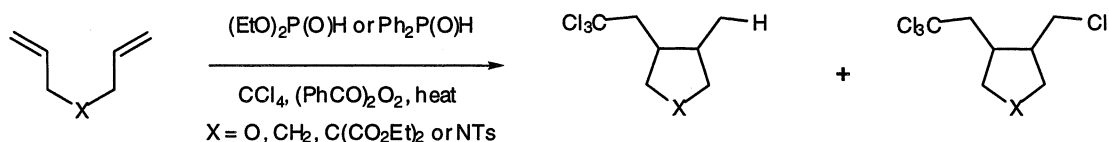
Radical cyclisation reactions involving phosphonyl radicals: the use of phosphites and phosphine oxides as alternatives to tributyltin hydride

Tetrahedron Letters 42 (2001) 3137

Jenny M. Barks,^a Bruce C. Gilbert,^b Andrew F. Parsons^{b,*} and Bala Upeandran^b

^aSyngenta, Technology and Projects, Leeds Road, Huddersfield HD2 1FF, UK

^bDepartment of Chemistry, University of York, Heslington, York YO10 5DD, UK



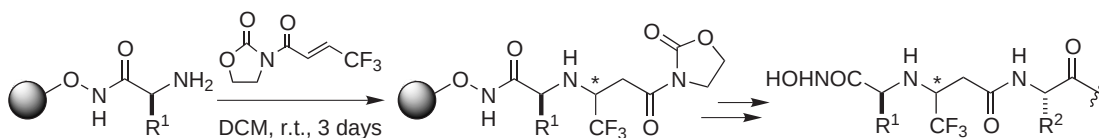
Solution/solid-phase synthesis of partially modified retro- ψ [NHCH(CF₃)]-peptidyl hydroxamates

Tetrahedron Letters 42 (2001) 3141

Alessandro Volonterio,^{b,*} Pierfrancesco Bravo^{a,b} and Matteo Zanda^{a,*}

^aDipartimento di Chimica del Politecnico di Milano, via Mancinelli 7, I-20131 Milan, Italy

^bC.N.R.-Centro di Studio sulle Sostanze Organiche Naturali, via Mancinelli 7, I-20131 Milan, Italy



Efficient liquid phase acylation of alcohols over basic ETS-10 molecular sieves

Tetrahedron Letters 42 (2001) 3145

Suresh B. Waghmode, Vinay V. Thakur, Arumugam Sudalai and Subramanian Sivasanker*

National Chemical Laboratory, Pune 411008, India

Liquid phase acylation of alcohols over basic ETS-10 molecular sieves.

