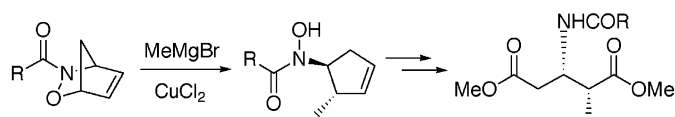
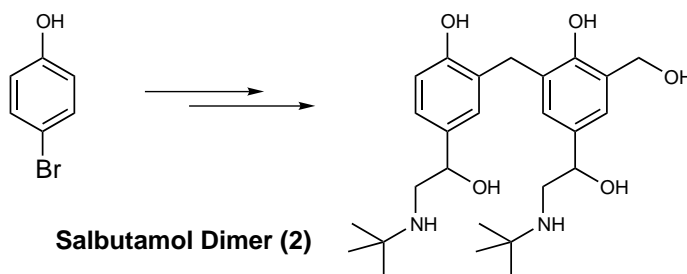


Novel α -substituted β -amino diesters from acylnitroso-derived hetero-Diels–Alder cycloadducts*Tetrahedron Letters 43 (2002) 1131*

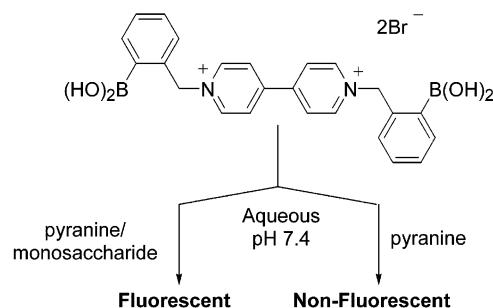
Matthew D. Surman, Mark J. Mulvihill and Marvin J. Miller*

Department of Chemistry and Biochemistry, University of Notre Dame Notre Dame, IN 46556, USA**Synthesis of a salbutamol dimer***Tetrahedron Letters 43 (2002) 1135*

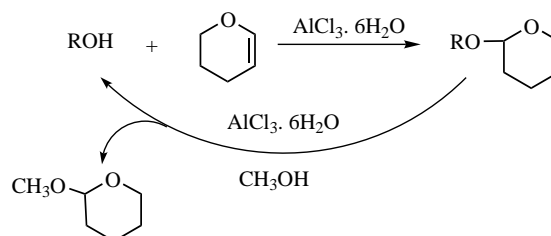
Nizar Haddad,* Yibo Xu, James A. Baron and Nathan K. Yee

*Department of Chemical Development,
Boehringer Ingelheim Pharmaceuticals Inc,
900 Ridgebury Rd./PO Box 368, Ridgefield,
CT 06877-0368, USA*Synthesis of the diastereomeric mixture of Salbutamol dimer (**2**) confirms the proposed structure and provides access to multigram scale.**Boronic acid substituted viologen based optical sugar sensors: modulated quenching with viologen as a method for monosaccharide detection***Tetrahedron Letters 43 (2002) 1139*

Jason N. Camara, Jeff T. Suri, Frank E. Cappuccio, Ritchie A. Wessling and Bakthan Singaram*

*Department of Chemistry and Biochemistry,
University of California, Santa Cruz, Santa Cruz, CA 95064,
USA***Solvent-free tetrahydropyranylation (THP) of alcohols and phenols and their regeneration by catalytic aluminum chloride hexahydrate***Tetrahedron Letters 43 (2002) 1143*

Vasudevan V. Namboodiri and Rajender S. Varma*

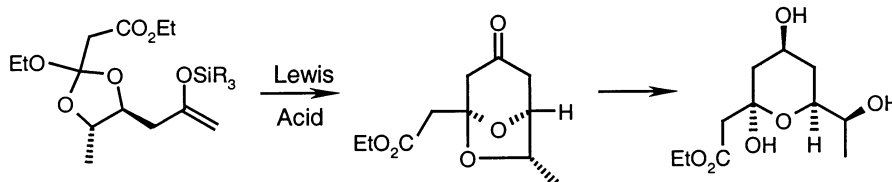
*Clean Processes Branch,
National Risk Management Research Laboratory,
US Environmental Protection Agency, MS 443,
26 W. Martin Luther King Drive, Cincinnati, OH 45268, USA*

Synthesis of the C(1)–C(8) segment of (+)-acutiphycin

Joey-Lee Methot, Louis Morency, Philip D. Ramsden, Jerome Wong and Serge Léger*

Department of Medicinal Chemistry, Merck Frosst Centre for Therapeutic Research, PO Box 1005, Pointe Claire-Dorval, Québec, Canada H9R 4P8

The synthesis of the pyran segment of (+)-acutiphycin was achieved using an intramolecular Lewis acid-catalyzed reaction between a silyl enol ether and an *ortho* ester.



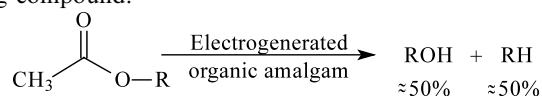
Tetrahedron Letters 43 (2002) 1147

Deoxygenation of aliphatic acetate derivatives using electrogenerated organic amalgams

Lizeth M. Fragoso-Luna, Bernardo A. Frontana-Urbe* and Jorge Cárdenas

Instituto de Química de la Universidad Nacional Autónoma de México, Circuito Exterior, Ciudad Universitaria, Coyoacán C.P. 04510, Mexico D.F.

An electrochemical deoxygenation reaction of aliphatic acetates has been developed, using electrogenerated organic amalgams (R₄N-Hg). This methodology led us to obtain the deoxygenated product and the alcohol in a 1:1 ratio with total transformation of the starting compound.



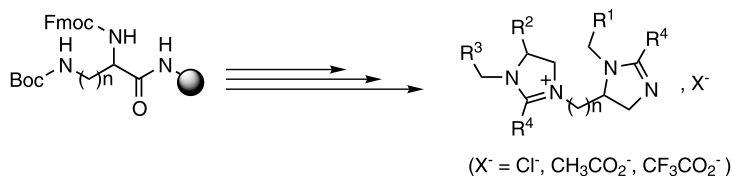
R = Aliphatic carbon

Tetrahedron Letters 43 (2002) 1151

Solid-phase parallel synthesis of substituted dihydroimidazolylbutyl dihydroimidazol-3-ium salts

Achyuta N. Acharya, John M. Ostresh and Richard A. Houghten*

Torrey Pines Institute for Molecular Studies, 3550 General Atomics Court, San Diego, CA 92121, USA



(X⁻ = Cl⁻, CH₃CO₂⁻, CF₃CO₂⁻)

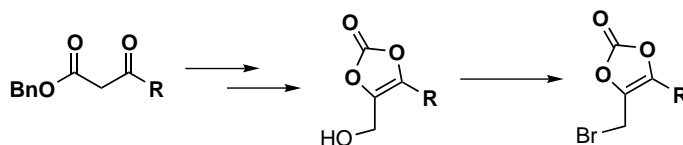
Tetrahedron Letters 43 (2002) 1157

A general synthesis of dioxolenone prodrug moieties

Chong-Qing Sun,* Peter T. W. Cheng,* Jay Stevenson, Tamara Dejneka, Baerbel Brown, Tammy C. Wang, Jeffrey A. Robl and Michael A. Poss

Bristol-Myers Squibb Pharmaceutical Research Institute, PO Box 5400, Princeton, NJ 08543-5400, USA

A novel and general sequence for the synthesis of dioxolenone alcohols and bromides from benzyl β-ketoesters is described. The preparation of bis-dioxolenone phosphonate prodrug esters from the bromides is also presented.



Tetrahedron Letters 43 (2002) 1161

Natural clays as efficient catalyst for transesterification of β -keto esters with carbohydrate derivatives

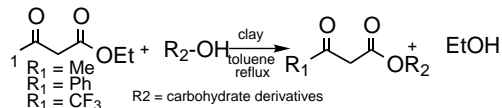
Tetrahedron Letters 43 (2002) 1165

Fernando C. da Silva,^a Vitor F. Ferreira,^{a,*} Renata S. Rianelli^b and Wilma C. Perreira^b

^aUniversidade Federal Fluminense, Instituto de Química, Departamento de Química Orgânica, CEG, Campus do Valonguinho, CEP 24210-150, Niterói RJ, Brazil

^bCentro de Tecnologia Mineral-CNPq, Cidade Universitária, CEP 21941-590, Rio de Janeiro RJ, Brazil

Smectite, atapulgit and vermiculite clays catalyzed efficiently transesterifications of β -keto esters and carbohydrate derivatives.

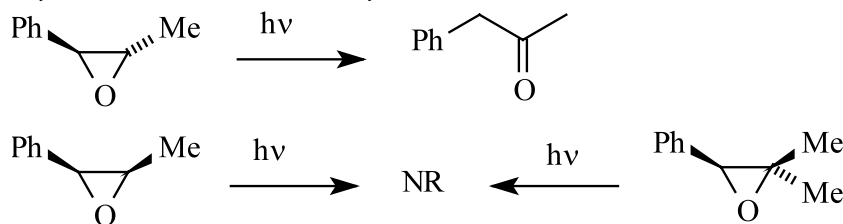


Geometric requirements for the photolysis of aryloxiranes and cyclic carbonate esters

Tetrahedron Letters 43 (2002) 1169

Sorana Linder, Katherine White, Mandelin Palmer, Benny Arney and Rick White*

Department of Chemistry, Sam Houston State University, Huntsville, TX 77341, USA



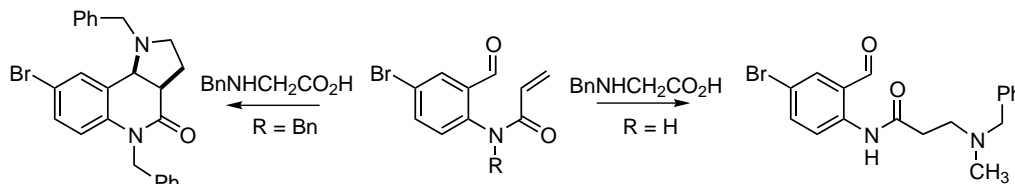
An intramolecular cycloaddition approach to pyrrolo[3,2-c]-quinolones

Tetrahedron Letters 43 (2002) 1171

Yong He, Hossen Mahmud, Brian R. Wayland, H. V. Rasika Dias and Carl J. Lovely*

Department of Chemistry and Biochemistry, The University of Texas at Arlington, Arlington, TX 76019, USA

N-Alkylated acrylamides undergo cycloaddition, whereas *N*-unsubstituted derivatives undergo Michael addition.

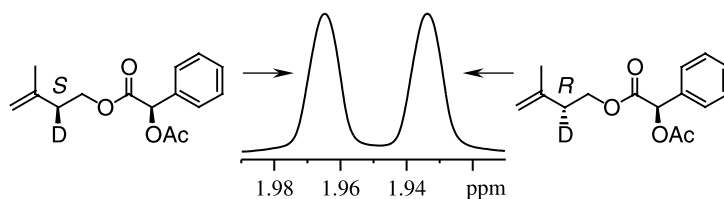


Analysis of 2-deuterated isopentenyl alcohols by ¹H NMR of chiral esters

Tetrahedron Letters 43 (2002) 1175

José-Luis Giner,* David Kiemle and Daniel J. Zuniga

Department of Chemistry, State University of New York-ESF, Syracuse, NY 13210, USA

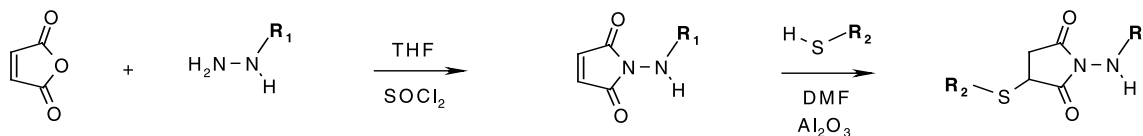


An alumina-catalyzed Michael addition of mercaptans to *N*-anilinomaleimides and its application to the solution-phase parallel synthesis of libraries

Tetrahedron Letters 43 (2002) 1179

Soan Cheng* and Daniel D. Comer

Bristol-Myers Squibb Pharma Research Laboratories, 4570 Executive Dr., Suite 400, San Diego, CA 92121, USA



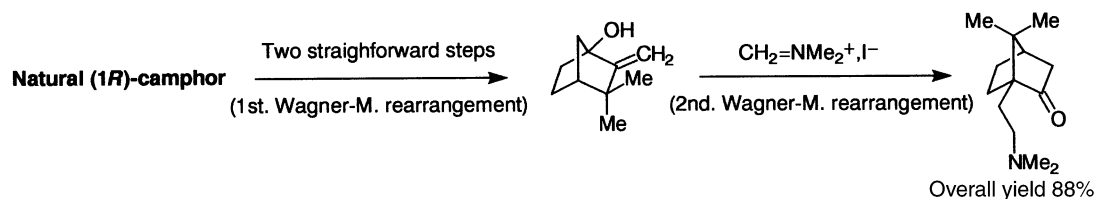
Straightforward synthesis of (1*S*)-10-dimethylaminomethylcamphor: an enantiospecific model procedure to C10-C-substituted camphor-derived chiral sources

Tetrahedron Letters 43 (2002) 1183

Antonio García Martínez,^{a,*} Enrique Teso Vilar,^b Amelia García Fraile,^b Santiago de la Moya Cerero^{a,*} and Beatriz Lora Maroto^b

^aDepartamento de Química Orgánica, Fac. de Cc. Químicas, Universidad Complutense de Madrid, 28040 Madrid, Spain

^bDepartamento de Química Orgánica y Biología, Fac. de Ciencias, UNED, Senda del Rey 9, 28040 Madrid, Spain

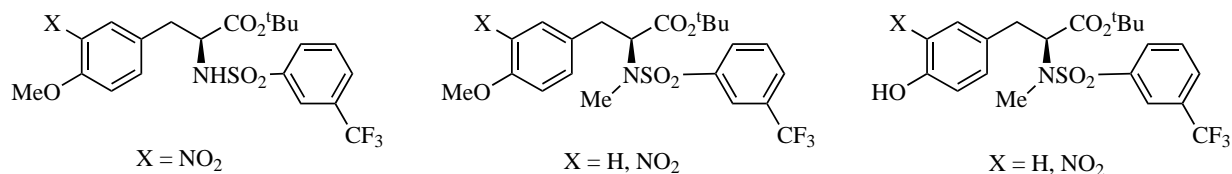


Chemoselective *O*-methylation of *N*-acylated/sulfonylated tyrosine derivatives

Tetrahedron Letters 43 (2002) 1187

Mireille Attolini, Thierry Boxus, Stéphane Biltresse and Jacqueline Marchand-Brynaert*

Unité de Chimie Organique et Médicinale, Université Catholique de Louvain, Bâtiment Lavoisier, Place L. Pasteur no. 1, B-1348 Louvain-la-Neuve, Belgium

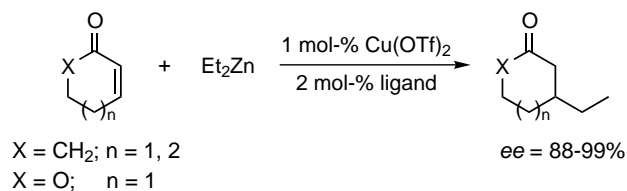


Copper-catalyzed enantioselective conjugate addition of diethylzinc to α,β -unsaturated carbonyl compounds using diphosphonites as chiral ligands

Tetrahedron Letters 43 (2002) 1189

Manfred T. Reetz,* Andreas Gosberg and Dominique Moulin

Max-Planck-Institut für Kohlenforschung, Kaiser-Wilhelm-Platz 1, D-45470 Mülheim/Ruhr, Germany



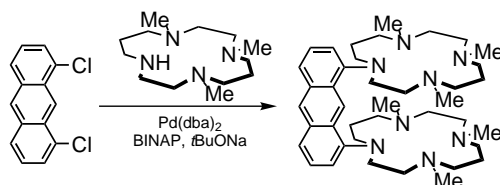
Synthesis of 1,8-bis(cyclam) and 1,8-bis(azacrown) substituted anthracenes by palladium-catalyzed arylation of cyclam

Tetrahedron Letters 43 (2002) 1193

Irina P. Beletskaya,^{a,*} Alexei D. Averin,^b Alla G. Bessmertnykh,^b Franck Denat^b and Roger Guillard^{b,*}

^aDepartment of Chemistry, Lomonosov Moscow State University, Leninskie Gory, Moscow, 119899, Russia

^bLIMSAG (UMR 5633), Faculte des Sciences 'Gabriel', 6, Bd. Gabriel, 21100, Dijon, France



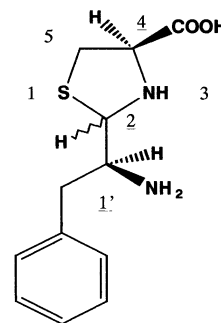
Synthesis of conformationally constrained β -turn thiazolidine mimetic

Tetrahedron Letters 43 (2002) 1197

Paolo Grieco,^{*} Pietro Campiglia, Isabel Gomez-Monterrey and Ettore Novellino

Dipartimento di Chimica Farmaceutica e Tossicologia, Università di Napoli 'Federico II', Via D. Montesano, 49-80131 Napoli, Italy

A dipeptide analog β -turn mimetic with fixed configuration at two α -carbons of amino acid residues in structure type β -turn has been synthesized starting from *L*-phenylalanine and *L*-cysteine in short steps.

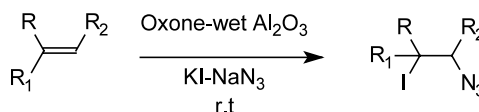


Simple and regioselective azidoiodination of alkenes using Oxone[®]

Tetrahedron Letters 43 (2002) 1201

Massimo Curini, Francesco Epifano, Maria C. Marcotullio^{*} and Ornelio Rosati

Dipartimento di Chimica e Tecnologia del Farmaco - Sezione Chimica Organica, Università degli Studi, 06123 Perugia, Italy



Synthesis of 6,7,8,9-tetrahydropyrido[2,3-*b*]indolizine and 3,4-dihydro-2*H*-pyrido[2',3':4,5]pyrrolo[2,1-*b*][1,3]oxazine derivatives as new melatonin receptor ligands

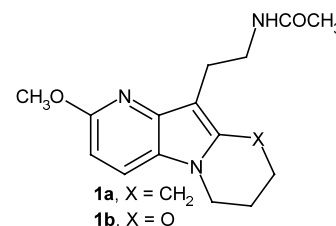
Tetrahedron Letters 43 (2002) 1205

Hervé Van de Poël,^a Gérald Guillaumet^a and Marie-Claude Viaud-Massuard^{b,*}

^aInstitut de Chimie Organique et Analytique associé au CNRS, Université d'Orléans BP 6759, 45067 Orléans Cedex 2, France

^bEA 3247 Laboratoire de Chimie Organique, UFR des Sciences Pharmaceutiques, Université de Tours, 31 Avenue de Monge, 37200 Tours, France

The synthesis of new tricyclic azaindolic analogs **1a** and **1b** of the hormone melatonin is described. Treatment of the 1-(4-bromobutyl)pyrrolo[3,2-*b*]pyridine derivative in radical cyclisation to give the 6,7,8,9-tetrahydropyrido[2,3-*b*]indolizine ring system. A new synthetic approach to the pyridopyrrolo [2,1-*b*][1,3]oxazine moiety is shown to be accomplished readily from the 1-(3-bromopropyl)-2-oxopyrrolopyridine derivative with sodium hydride in *N,N*-dimethylformamide.



Alkali cation 'conformational templation' in 1,5-bridged calix[8]arenes: a single crystal X-ray proof

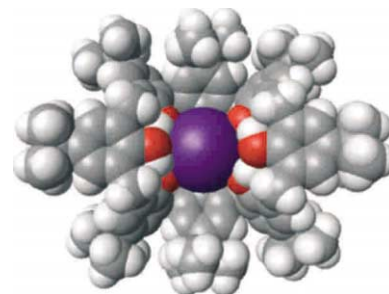
Tetrahedron Letters 43 (2002) 1209

Grazia M. L. Consoli,^a Francesca Cunsolo,^a Corrada Geraci,^a Enrico Gavuzzo^b and Placido Neri^{c,*}

^aIstituto per lo Studio delle Sostanze Naturali di Interesse Alimentare e Chimico-Farmaceutico, CNR, Via del Santuario 110, I-95028 Valverde (CT), Italy

^bIstituto di Strutturistica Chimica 'G. Giacomello', CNR, Area della Ricerca di Roma, Montelibretti (RM), Italy

^cDipartimento di Chimica, Università di Salerno, Via S. Allende 43, I-84081 Baronissi (SA), Italy

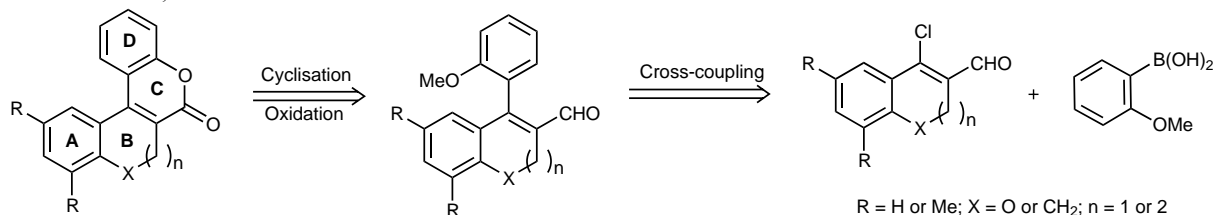


A rapid access to coumarin derivatives (using Vilsmeier–Haack and Suzuki cross-coupling reactions)

Tetrahedron Letters 43 (2002) 1213

Stéphanie Hesse and Gilbert Kirsch*

Laboratoire d'Ingénierie Moléculaire et de Biochimie Pharmacologique, Faculté des Sciences, Ile du Sauley, 57045 Metz Cedex, France

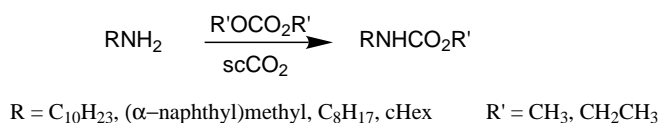


The synthesis of alkyl carbamates from primary aliphatic amines and dialkyl carbonates in supercritical carbon dioxide

Tetrahedron Letters 43 (2002) 1217

Maurizio Selva,* Pietro Tundo and Alvisè Perosa

Dipartimento di Scienze Ambientali dell'Università Ca' Foscari, Calle Larga S. Marta, 2137-30123 Venice, Italy

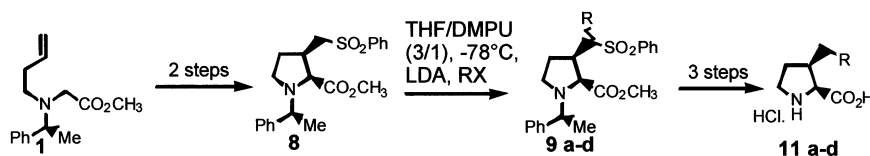


Asymmetric synthesis of 3-alkyl substituted prolines by alkylation of a chiral sulfone

Tetrahedron Letters 43 (2002) 1221

Philippe Karoyan* and Gérard Chassaing

UMR 7613, 'Structure et Fonction de Molécules Bioactives', Université Paris VI, case 182, 4 place Jussieu, 75252 Paris cedex 05, France



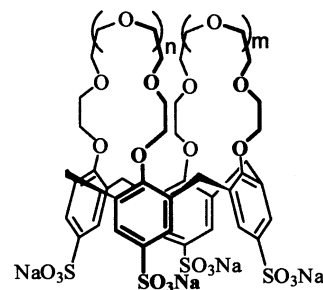
Water-soluble *para*-sulfonated 1,2;3,4-calix[4]arene-biscrowns in the cone conformation

Tetrahedron Letters 43 (2002) 1225

Alexandre Mathieu,* Zouhair Asfari* and Jacques Vicens*

ECPM, Laboratoire de Chimie des Interactions Moléculaires Spécifiques (CNRS UMR 7512), 25, rue Becquerel, F-67087 Strasbourg, France

Water-soluble 1,2;3,4-calix[4]arene-biscrowns (**14**)–(**18**) have been synthesized in two or three steps via chlorosulfonation. Cs⁺-ligand interactions were studied in aqueous media by ¹H NMR.

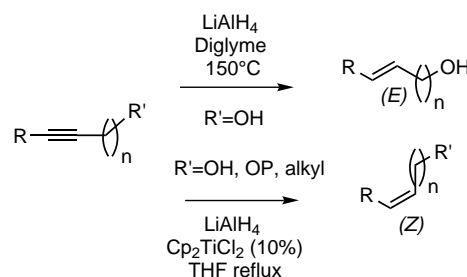


CP₂TiCl₂-catalyzed hydroalumination of internal alkynes: an access to (*Z*)-olefins

Tetrahedron Letters 43 (2002) 1231

Arnaud Parenty and Jean-Marc Campagne*

Institut de Chimie des Substances Naturelles, CNRS, F-91198 Gif-sur-Yvette, France



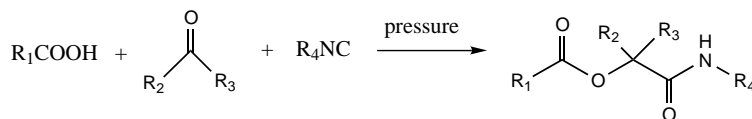
Effect of high pressure on sterically congested Passerini reactions

Tetrahedron Letters 43 (2002) 1235

G rard Jenner*

Laboratoire de Pi zochimie Organique (UMR 7123), Facult  de Chimie, Universit  Louis Pasteur, 67008 Strasbourg, France

The promoting effect of pressure increases with increasing bulkiness of R₁, R₂ or R₃, R₄. Highly hindered Passerini adducts can be obtained only under pressure.



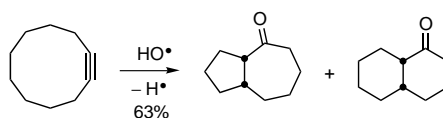
Radical oxygenations with inorganic radicals: can hydroxyl radicals (HO[•]) act as donors of oxygen atoms?

Tetrahedron Letters 43 (2002) 1239

Uta Wille*

Institut f r Organische Chemie der Christian-Albrechts-Universit t zu Kiel, Olshausenstra e 40, 24098 Kiel, Germany

Hydroxyl radicals (HO[•]) were shown to act, upon addition to the C–C triple bond in cyclic and open-chain alkynes, as oxygen atom donors in an oxidative radical cyclization sequence.



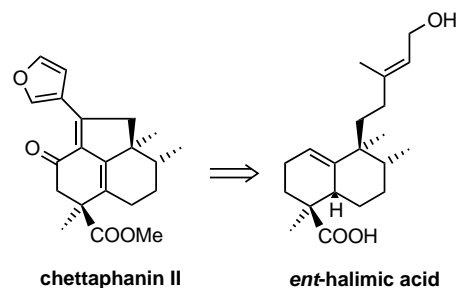
Synthesis and absolute configuration of (-)-chettaphanin II

Tetrahedron Letters 43 (2002) 1243

I. S. Marcos,* F. A. Hernández, M. J. Sexmero, D. Díez, P. Basabe, A. B. Pedrero, N. García, F. Sanz and J. G. Urones

Departamento de Química Orgánica, Facultad de Ciencias Químicas, Universidad de Salamanca, Plaza de los Caídos 1-5, 37008 Salamanca, Spain

An efficient synthesis of chettaphanin II has been achieved from *ent*-halimic acid. The absolute configuration of the natural product was established and corroborated by X-ray analysis of chettaphanin II.

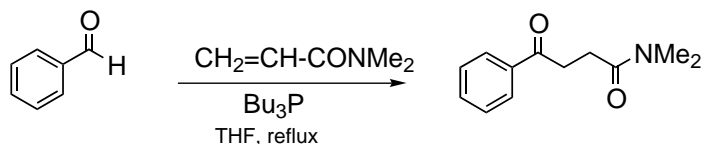


Tributylphosphine-catalyzed Stetter reaction of *N,N*-dimethylacrylamide: synthesis of *N,N*-dimethyl-3-arylpropionamides

Tetrahedron Letters 43 (2002) 1247

Ji Hyeon Gong, Yang Jin Im, Ka Young Lee and Jae Nyoun Kim*

Department of Chemistry and Institute of Basic Science, Chonnam National University, Kwangju 500-757, South Korea

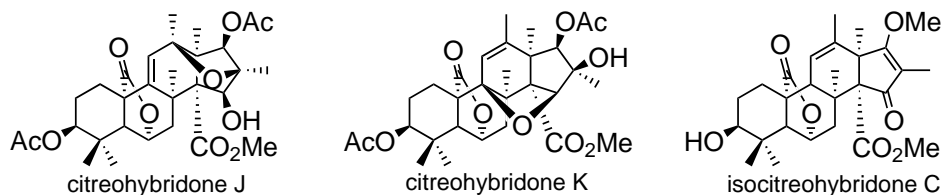


Structure and absolute configuration of citreohybridones isolated from *Penicillium* species

Tetrahedron Letters 43 (2002) 1253

Seiji Kosemura*

Department of Chemistry, Hiyoshi Campus, Keio University, 4-1-1 Hiyoshi Kohoku-ku, Yokohama 223-8521, Japan

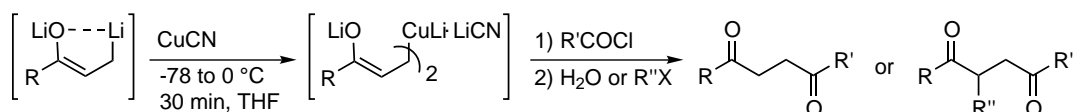


Chemistry of ketone α,β -dianions. Acylation reactions of dianion cuprates by acid chlorides

Tetrahedron Letters 43 (2002) 1257

Ilhyong Ryu,* Masanobu Ikebe, Noboru Sonoda, Shin-ya Yamato, Go-hei Yamamura and Mitsuo Komatsu

Department of Chemistry, Faculty of Arts and Sciences, Osaka Prefecture University, Sakai, Osaka 599-8531, Japan and Department of Applied Chemistry, Graduate School of Engineering, Osaka University, Suita, Osaka 565-0871, Japan



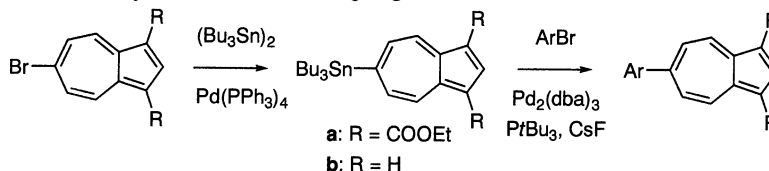
Preparation and Stille cross-coupling reaction of the first organotin reagents of azulenes. An efficient Pd(0)-catalyzed synthesis of 6-aryl- and biazulenes

Tetrahedron Letters 43 (2002) 1261

Tetsuo Okujima, Shunji Ito* and Noboru Morita

Department of Chemistry, Graduate School of Science, Tohoku University, Sendai 980-8578, Japan

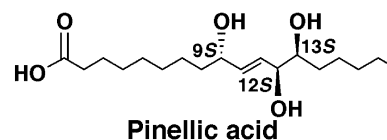
The first versatile organometallic reagents of azulenes, 6-(tri-*n*-butylstannyl)azulenes, have been prepared and the utility of the reagents was demonstrated by the Stille cross-coupling reaction.



Total synthesis of pinellic acid, a potent oral adjuvant for nasal influenza vaccine. Determination of the relative and absolute configuration

Tetrahedron Letters 43 (2002) 1265

Toshiaki Sunazuka,^{b,e} Tatsuya Shirahata,^b Kiminari Yoshida,^b Daisuke Yamamoto,^b Yoshihiro Harigaya,^b Takayuki Nagai,^{c,d} Hiroaki Kiyohara,^{c,d} Haruki Yamada,^{c,d} Isao Kuwajima^{d,e} and Satoshi Omura^{a,d,*}



^aThe Kitasato Institute, Shirokane, Minatoku, Tokyo 108-8641, Japan

^bSchool of Pharmaceutical Sciences, Kitasato University, Shirokane, Minatoku, Tokyo 108-8641, Japan

^cOriental Medicine Research Center, the Kitasato Institute, Shirokane, Minatoku, Tokyo 108-8641, Japan

^dKitasato Institute for Life Sciences, Kitasato University, Shirokane, Minatoku, Tokyo 108-8641, Japan

^eCREST, The Japan Science and Technology Corporation (JST), Shirokane, Minatoku, Tokyo 108-8641, Japan

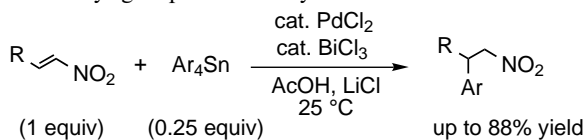
A novel catalytic activity of bismuth(III) salts in palladium(II)-catalyzed atom economical Michael-type hydroarylation of nitroalkenes with aryltin compounds

Tetrahedron Letters 43 (2002) 1269

Toshiyuki Ohe and Sakae Uemura*

Department of Energy and Hydrocarbon Chemistry, Graduate School of Engineering, Kyoto University, Sakyo-ku, Kyoto 606-8501, Japan

A novel palladium(II)-catalyzed Michael-type hydroarylation of nitroalkenes with aryltin compounds has been disclosed. In this system, slightly fewer than four aryl groups of tetraaryltins can be transferred to the products.



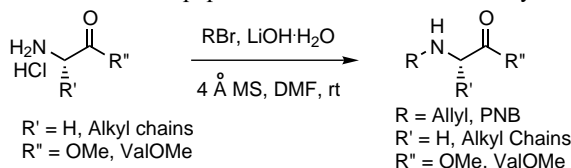
LiOH-mediated *N*-monoalkylation of α -amino acid esters and a dipeptide ester using activated alkyl bromides

Tetrahedron Letters 43 (2002) 1273

Jong Hyun Cho and B. Moon Kim*

Center for Molecular Catalysis, School of Chemistry and Molecular Engineering, Seoul National University, Seoul 151-747, South Korea

Selective *N*-monoalkylation of α -amino esters and dipeptide esters with activated alkyl bromides was accomplished.

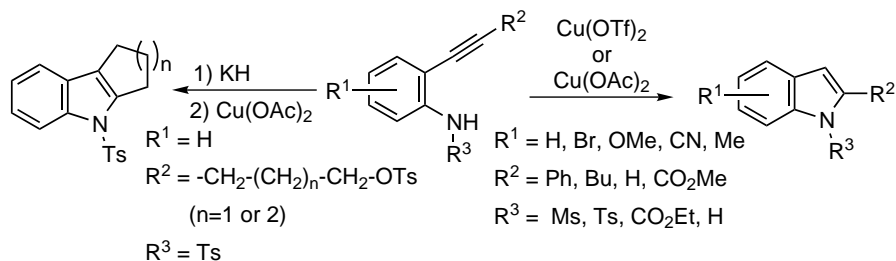


Efficient construction of indole rings from 2-ethynylaniline derivatives catalyzed by copper(II) salts and its application to the tandem cyclization reactions

Tetrahedron Letters 43 (2002) 1277

Kou Hiroya,* Shin Itoh,
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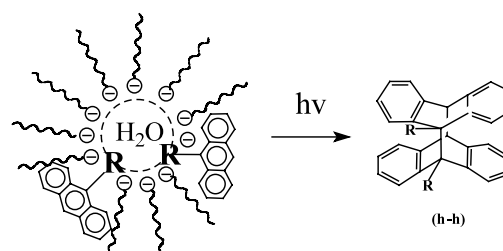


Water-in-oil microemulsions as microreactors to control the regioselectivity in the photocycloaddition of 9-substituted anthracenes

Tetrahedron Letters 43 (2002) 1281

Da-Yong Wu, Li-Ping Zhang, Li-Zhu Wu, Bo-jie Wang
and Chen-Ho Tung*

*Technical Institute of Physics and Chemistry, Chinese Academy of
Sciences, Beijing 100101, China*



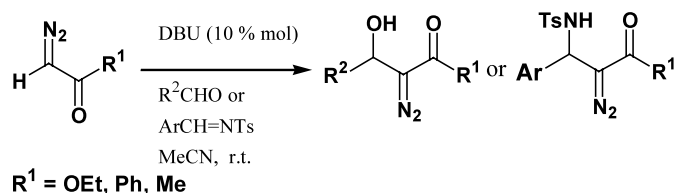
DBU-promoted condensation of acyldiazomethanes to aldehydes and imines under catalytic conditions

Tetrahedron Letters 43 (2002) 1285

Nan Jiang and Jianbo Wang*

*Key Laboratory of Bioorganic Chemistry and Molecular Engineering of the Ministry of Education, Department of Chemical
Biology, College of Chemistry, Peking University, Beijing 100871, China*

The condensation of acyldiazomethanes to aldehydes and imines can be promoted with a catalytic amount of DBU. The condensation gives β -hydroxy α -diazo carbonyl compounds or β -amino α -diazo carbonyl compounds in high yields.



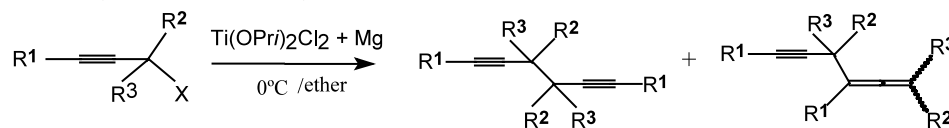
A new coupling reaction of propargyl carbonates mediated by $\text{Ti}(\text{O}i\text{Pr})_2\text{Cl}_2/\text{Mg}$

Tetrahedron Letters 43 (2002) 1289

Fanglong Yang,^a Gang Zhao,^{a,*} Yu Ding,^{a,*} Zongbao Zhao^a and Yueqing Zheng^b

^a*Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, Shanghai-Hong Kong Joint Laboratory in
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^b*Department of Chemistry, Ningbo University, Ningbo 315211, PR China*



$R^1 = \text{Ph; } ^n\text{Bu; Me}_3\text{Si; H. } R^2, R^3 = -(\text{CH}_2)_4-, \text{Me, Me; Ph, H; Me, H; } ^n\text{Pr, H; 4-FC}_6\text{H}_4, \text{H; 4-CH}_3\text{C}_6\text{H}_4, \text{H; 4-O}_2\text{NC}_6\text{H}_4, \text{H.}$

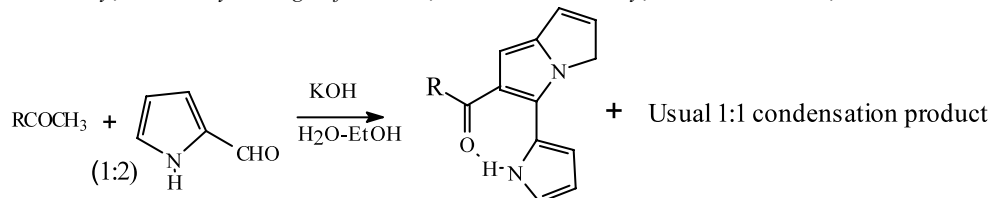
Novel formation of 6-acyl-5-(2-pyrrolyl)-3H-pyrrolizines by base-catalysed condensation of pyrrole-2-aldehyde with methyl ketones

Tetrahedron Letters 43 (2002) 1295

Asok K. Mallik,^{a,*} Sankar P. Dey,^a Falguni Chattopadhyay^a and Amarendra Patra^{b,*}

^aDepartment of Chemistry, Jadavpur University, Kolkata 700 032, India

^bDepartment of Chemistry, University College of Science, Calcutta University, Kolkata 700 009, India

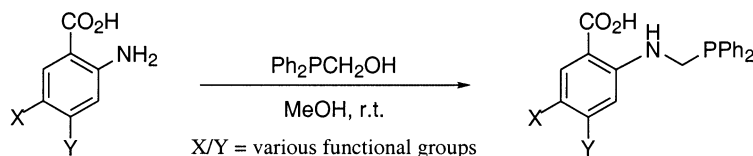


Mannich-based condensation reactions as a practical route to new aminocarboxylic acid tertiary phosphines

Tetrahedron Letters 43 (2002) 1299

Martin B. Smith* and Mark R. J. Elsegood

Department of Chemistry, Loughborough University, Loughborough, Leics LE11 3TU, UK



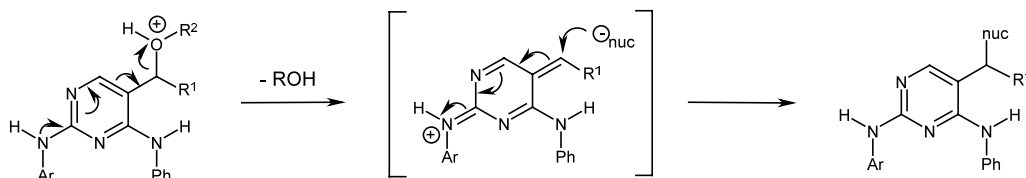
The 'Eenie-Meenie reaction'. Displacement reactions of bisanilinopyrimidines

Tetrahedron Letters 43 (2002) 1303

Stuart E. Pearson* and Robin Wood

AstraZeneca, Alderley Park, Macclesfield, Cheshire SK10 4TG, UK

Acid-catalysed nucleophilic displacement reactions of 5-(alkoxymethyl)pyrimidines with a wide range of nucleophiles.



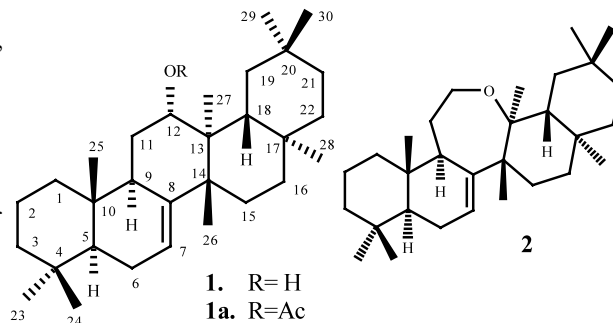
An unusual novel triterpenoid ether, multiflor-7-en-12,13-ether and a new multiflor-7-en-12 α -ol from *Wattakaka volubilis*

Tetrahedron Letters 43 (2002) 1307

V. L. Niranjan Reddy, V. Ravikanth, A. Vijender Reddy, T. Prabhakar Rao and Y. Venkateswarlu*

Natural Products Laboratory, Organic Chemistry Division-I, Indian Institute of Chemical Technology, Hyderabad 500 007, India

A new 12 α -hydroxymultiflorene **1** and a novel multiflorene-ether **2** triterpenoid were isolated from the leaves of *Wattakaka volubilis* and their structures were elucidated by means of spectroscopic analysis.

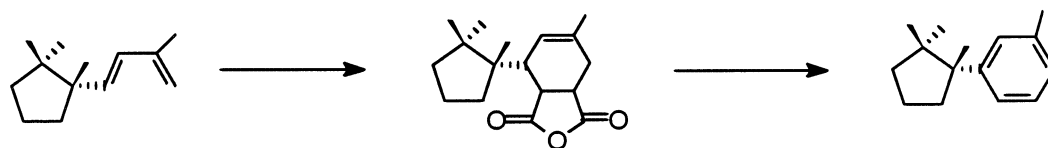


Enantiospecific synthesis of (+)-herbertene

Abhijit Nayek and Subrata Ghosh*

Department of Organic Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700032, India

Tetrahedron Letters 43 (2002) 1313

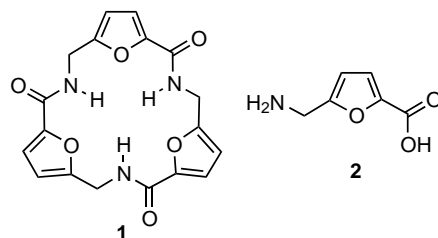


Cyclic trimer of 5-(aminomethyl)-2-furancarboxylic acid as a novel synthetic receptor for carboxylate recognition

Tushar K. Chakraborty,* Subhasish Tapadar and S. Kiran Kumar

Indian Institute of Chemical Technology, Hyderabad 500 007, India

Tetrahedron Letters 43 (2002) 1317

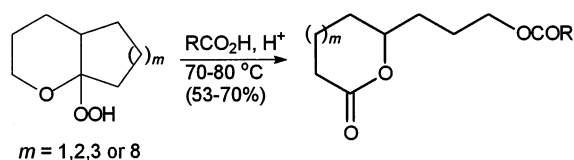


A rearrangement of 1-hydroperoxy-2-oxabicycloalkanes into lactones of ω-acyloxy-(ω-3)-hydroxyalkanoic acids related to the Criegee reaction

Yuri N. Ogibin,* Alexandre O. Terent'ev, Alexandre V. Kutkin and Gennady I. Nikishin

N. D. Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, GSP-1, 119991 Moscow, Leninsky Prospect, 47, Russia

Tetrahedron Letters 43 (2002) 1321

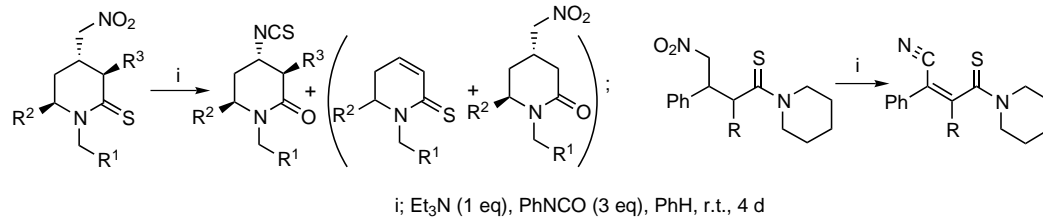


Structurally dependent behavior of the nitromethyl group of aliphatic γ-nitrothioamides under nitrile oxide generation reaction conditions

Jacek G. Sośnicki* and Sławomir Westerlich

Technical University of Szczecin, Institute of Chemistry and Environmental Protection, Al. Piastów 42, PL-71065 Szczecin, Poland

Tetrahedron Letters 43 (2002) 1325



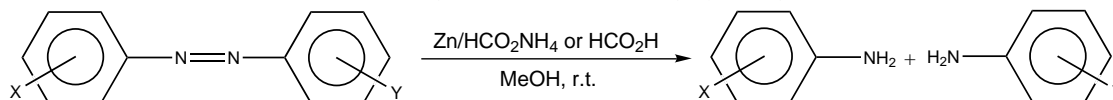
Reductive cleavage of azo compounds catalyzed by commercial zinc dust using ammonium formate or formic acid

Tetrahedron Letters 43 (2002) 1329

Shankare Gowda, K. Abiraj and D. Channe Gowda*

Department of Studies in Chemistry, University of Mysore, Manasagangotri, Mysore, Karnataka 570 006, India

Symmetric and unsymmetric azo compounds are cleaved reductively into amine(s) by using low-cost zinc dust and ammonium formate or formic acid. The cleavage is fast, clean and high yielding.



First examples of superelectrophile initiated iodination of alkanes and cycloalkanes

Tetrahedron Letters 43 (2002) 1333

Irena Akhrem,* Alexander Orlinikov, Sergei Vitt and Anatolii Chistyakov

A.N. Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, 119991 Moscow, GSP-1, 28 Vavilova st., Russia

The reactions of saturated hydrocarbons with I_2 in the presence of $\text{CCl}_4 \cdot 2\text{AlI}_3$ at -20°C afforded monoiodides in good yields and selectivities.

RH = propane, cyclopentane, cyclohexane, norbornane, adamantane

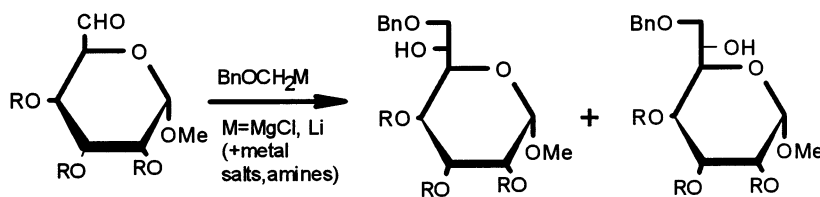


Improving the stereoselectivity of one-carbon atom homologation of hexoses at the terminal position

Tetrahedron Letters 43 (2002) 1337

Mikhail Kim, Barbara Grzeszczyk and Aleksander Zamojski*

Institute of Organic Chemistry, Polish Academy of Sciences, 01-224 Warsaw, Poland

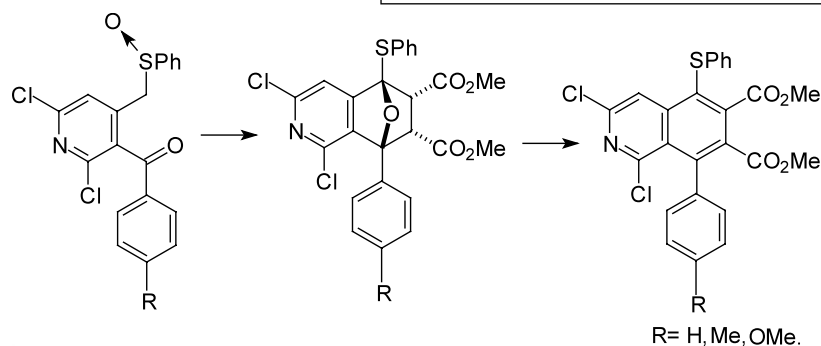


A Pummerer-based generation and trapping of furo[3,4-c]pyridines: an approach to nitrogen containing heterocyclic analogues of 1-arylnaphthalene lignans

Tetrahedron Letters 43 (2002) 1341

Tarun K. Sarkar,* Sankar Basak and Niranjan Panda

Department of Chemistry, Indian Institute of Technology, Kharagpur 721302, India



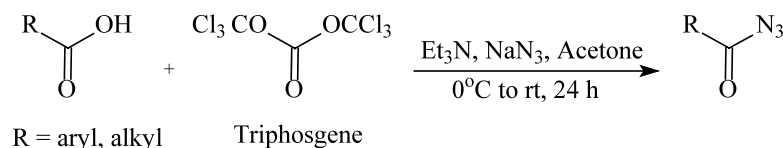
A mild and efficient method for the preparation of acyl azides from carboxylic acids using triphosgene

Tetrahedron Letters 43 (2002) 1345

V. K. Gumaste, B. M. Bhawal and A. R. A. S. Deshmukh*

Division of Organic Chemistry (Synthesis), National Chemical Laboratory, Pune 411 008, India

An efficient use of triphosgene for the preparation of various acyl azides from carboxylic acids and sodium azide is described.

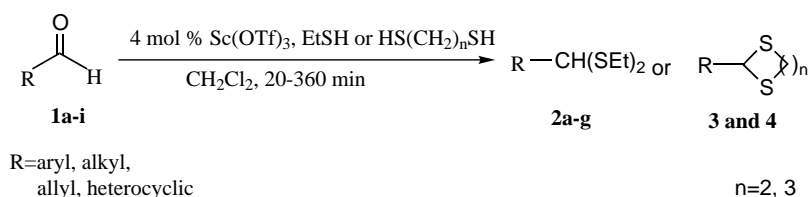


Scandium triflate as a recyclable catalyst for chemoselective thioacetalization

Tetrahedron Letters 43 (2002) 1347

Ahmed Kamal* and Gagan Chouhan

Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad 500007, India

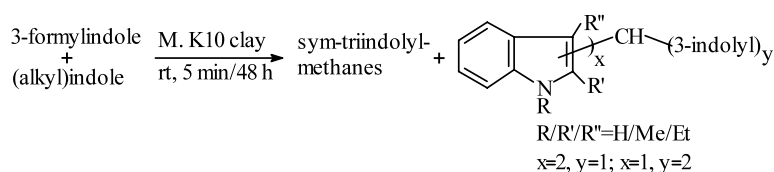


Novel clay-mediated, tandem addition-elimination-(Michael) addition reactions of indoles with 3-formylindole: an eco-friendly route to symmetrical and unsymmetrical triindolylmethanes

Tetrahedron Letters 43 (2002) 1351

Manas Chakrabarty* and Sandipan Sarkar

Department of Chemistry, Bose Institute, 93/1, A.P.C. Road, Kolkata 700009, India



Polycyclic scaffolds from fructose

Tetrahedron Letters 43 (2002) 1355

Eleonora Forni,^a Laura Cipolla,^a Enrico Caneva,^b Barbara La Ferla,^a
Francesco Peri^a and Francesco Nicotra^{a,*}

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^b*Department of Organic and Industrial Chemistry, University of Milano, Via Venezian 21, I-20133 Milano, Italy*

