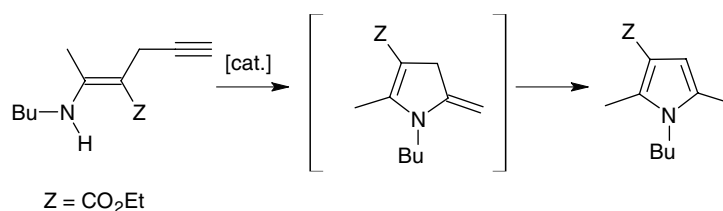


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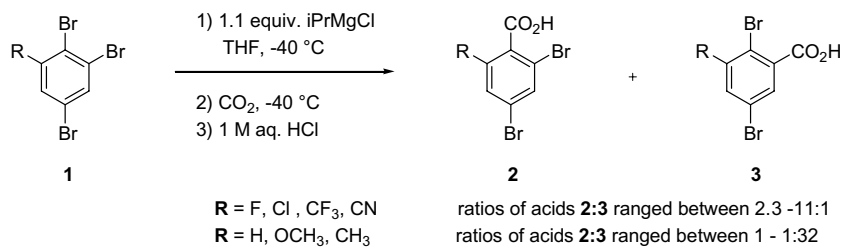
An assessment of late transition metals as hydroamination catalysts in the cyclization of *C*-propargyl vinylogous amides into pyrroles pp 411–414

Allan M. Prior, Ross S. Robinson *



Substitution effect on the regioselective halogen/metal exchange of 3-substituted 1,2,5-tribromobenzenes pp 415–418

Karsten Menzel *, Paul M. Mills, Doug E. Frantz, Todd D. Nelson, Michael H. Kress

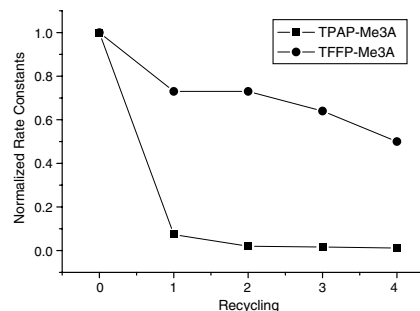


Stabilization of catalytic sol-gel entrapped perruthenate

pp 419–423

Sandro Campestrini *, Massimo Carraro, Lorenzo Franco, Rosaria Ciriminna, Mario Pagliaro *

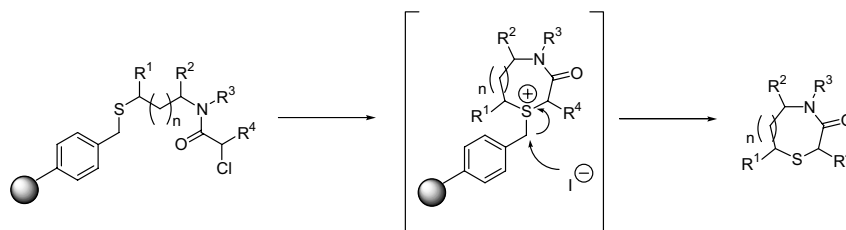
A combination of more stable counter-cation, of local basic microenvironment, and of a non-solubilizing reaction medium (supercritical CO₂) affords significant improvements in the life-cycle and reusability of catalytic ORMOSILs doped with perruthenate in the aerobic oxidation of alcohols.



A traceless solid phase synthesis of thiomorpholin-3-ones

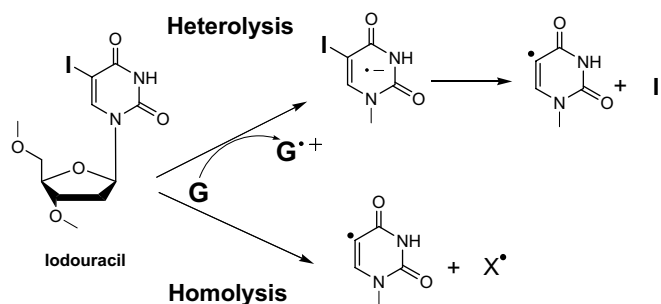
pp 424–427

Kunio Saruta *, Tsuyoshi Ogiku

**Photoreaction of iodouracil in DNA duplex; C–I bond is cleaved via two different pathways ‘homolysis and heterolysis’**

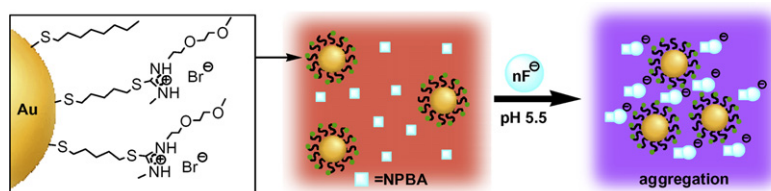
pp 428–431

Ryu Tashiro, Kenta Nakamura, Hiroshi Sugiyama *

**Isothiuronium-based amphiphilic gold nanoparticles with a colorimetric response to hydrophobic anions in water: a new strategy for fluoride ion detection in the presence of a phenylboronic acid**

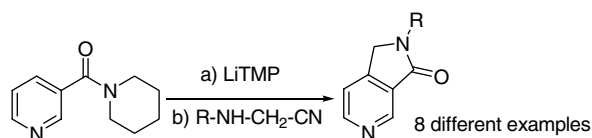
pp 432–436

Tsuyoshi Minami, Kenji Kaneko, Takeshi Nagasaki, Yuji Kubo *

**Aminomethylation of lithiated nicotinamide: access to new pyridolactams**

pp 437–440

Emilie Prieur, Rabah Azzouz, Geoffrey Deguest, Corinne Fruit *, Laurent Bischoff *, Francis Marsais

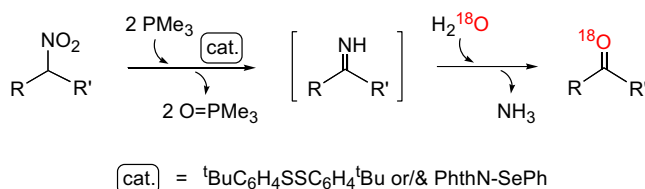


New 2,3-dihydropyrrolopyridinones were prepared by trapping lithiated pyridine carboxamides with highly reactive formimines. This method allowed a wide range of N-functionalised compounds including ethers, acetals or ester moieties.

Catalytic, PMe_3 -mediated conversion of secondary nitroalkanes to ketones: a very mild Nef-type process

pp 441–444

Jordi Burés, Jaume Vilarrasa *



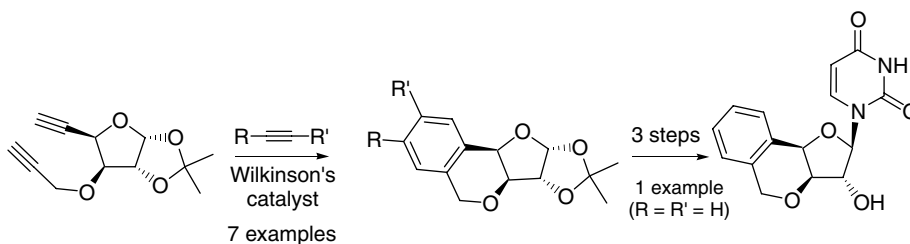
By addition of 50–100 mol % of $t\text{-BuC}_6\text{H}_4\text{SSC}_6\text{H}_4t\text{-Bu}$ or PhthN-SePh , or of only 20 mol % of both additives, to secondary nitro compounds into a 1.0 M THF solution of PMe_3 , nitro groups are readily reduced to imino groups, at room temperature.



A [2+2+2]-cyclotrimerization approach for the synthesis of enantiopure isochromans using a carbohydrate derived dialkyne template

pp 445–448

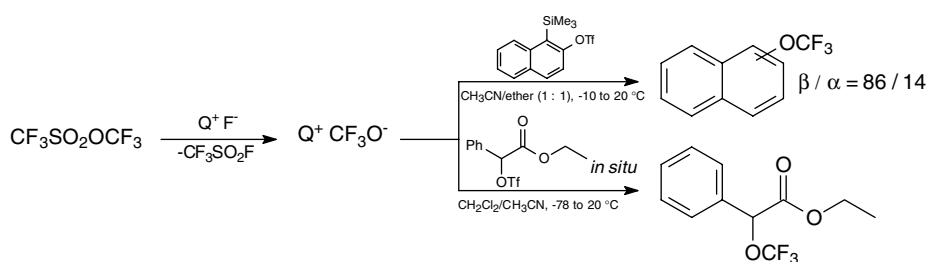
C. V. Ramana *, Sharad B. Suryawanshi



Versatile application of trifluoromethyl triflate

pp 449–454

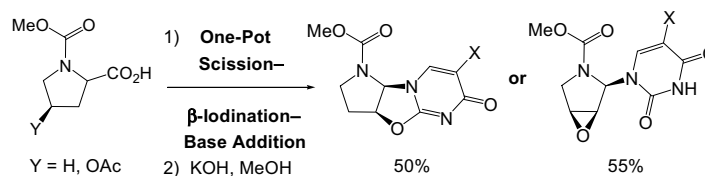
Alexander A. Kolomeitsev *, Mikhail Vorobyev, Hartmut Gilland



One-pot synthesis of azanucleosides from proline derivatives

pp 455–458

Alicia Boto *, Dácil Hernández, Rosendo Hernández *



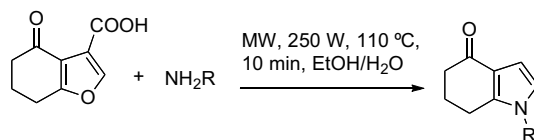
Common cyclic amino acids, derived from proline and hydroxyproline, can be readily transformed into azanucleosides. The mildness of the reaction conditions, and the good yields obtained, make this procedure an interesting alternative to the conventional processes.



Microwave-assisted synthesis of tetrahydroindoles

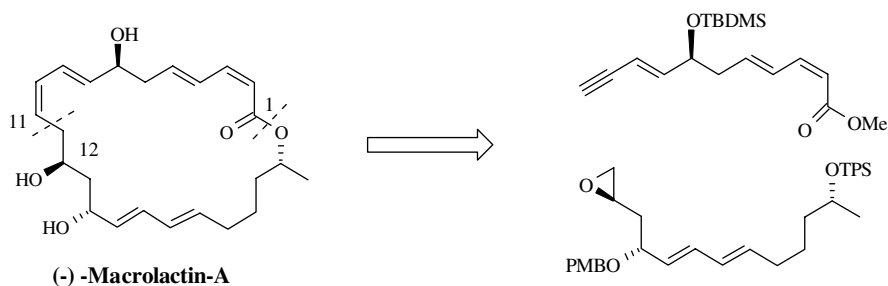
pp 459–462

Leonarda Piras, Chiara Ghiron, Giacomo Minetto, Maurizio Taddei *

**Stereoconvergent synthesis of the C1–C11 and C12–C24 fragments of (–)-macrolactin-A**

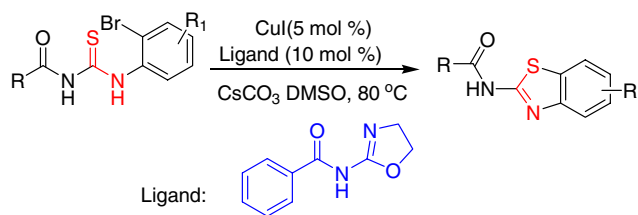
pp 463–466

J. S. Yadav *, M. Raj Kumar, G. Sabitha

**Synthesis of *N*-benzothiazol-2-yl-amides by a copper-catalyzed intramolecular cyclization process**

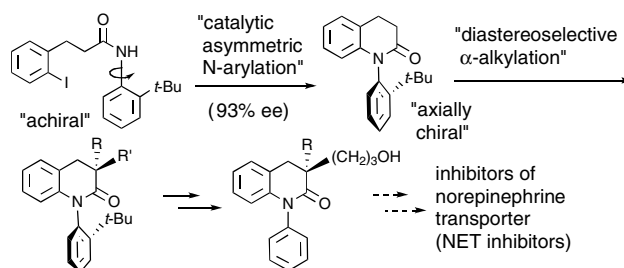
pp 467–470

Junke Wang, Feng Peng, Ju-li Jiang, Zhi-jin Lu, Le-yong Wang, Junfeng Bai, Yi Pan *

**Catalytic enantioselective synthesis of key intermediates for NET inhibitors using atropisomeric lactam chemistry**

pp 471–474

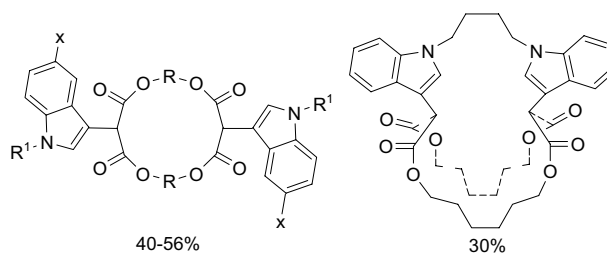
Osamu Kitagawa *, Daisuke Kurihara, Hajime Tanabe, Taichi Shibuya, Takeo Taguchi *



Reactions of macrocyclic rhodium carbenoids: regioselective synthesis of indol-3-yl macrocyclic lactones and cryptands pp 475–480

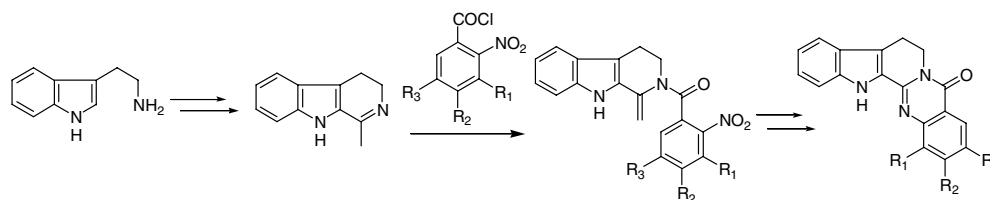
Sengodagounder Muthusamy *, Boopathy Gnanaprakasam

A wide variety of new macrocyclic diazocarbonyl compounds was synthesized and their rhodium(II) acetate catalyzed carbenoid insertion reaction with substituted indoles afforded regioselectively indol-3-yl macrocyclic di- or tetralactones or indolyl cryptand molecules.



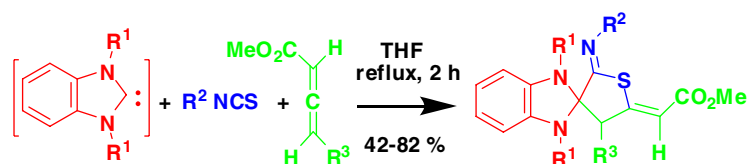
One-pot reductive-cyclization as key step for the synthesis of rutaecarpine alkaloids pp 481–484

Chih-Shone Lee *, Cheng-Kuo Liu, Yuen-Lin Chiang, Yen-Yao Cheng



Highly site, regio-, and stereoselective multicomponent reaction of benzimidazole carbenes, isothiocyanates, and allenoates pp 485–489

Bo Wang, Jia-Qi Li, Ying Cheng *

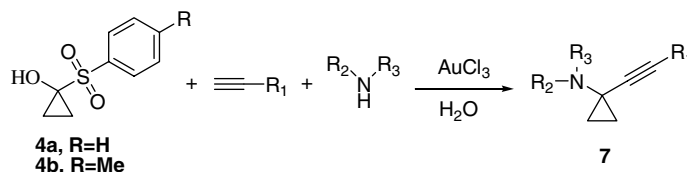


The novel three-component reaction of benzimidazole carbenes with isothiocyanates and allenoates proceeded efficiently in a highly site, regio-, and stereoselective manner to produce predominantly spiro[benzimidazoline-2,3'-tetrahydrothiophene] derivatives. The reaction was proposed to occur via a tandem nucleophilic addition of carbenes to isothiocyanates followed by an unusual [3+2] cycloaddition to the less activated carbon–carbon double bond of allenoates.



1-(Arylsulfonyl)cyclopropanol, a new cyclopropanone equivalent and its application to prepare 1-alkynyl cyclopropylamine pp 490–494

Jie Liu, Yan An, Hai-Ying Jiang, Zili Chen *



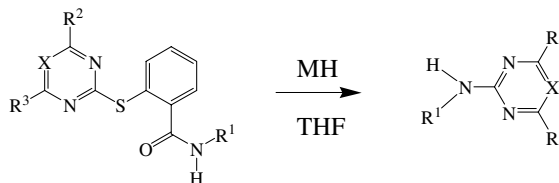
1-(Arylsulfonyl)cyclopropanol **4**, a new cyclopropanone equivalent, can react with terminal acetylenes, and disubstituted amines in water catalyzed by AuCl₃, to provide 1-alkynyl cyclopropylamines in moderate yields.



A novel hydride-mediated reductive rearrangement of amide: a facile synthesis of pyrimidyl and triazinyl amines pp 495–499

Xiang Chen, Jun Wu ^{*}, Zhicai Shang ^{*}, Meifeng Chen, Yanping Sun, Jing Lv, Meikang Lei, Peizhi Zhang

LiAlH₄ and NaBH₄ were found to mediate the conversion of 2-(pyrimidyl-2-ylsulfanyl)-*N*-arylbenzamide and 2-(triazinyl-2-ylsulfanyl)-*N*-arylbenzamide into pyrimidyl and triazinyl amines under notably mild conditions via a novel reductive rearrangement mechanism.

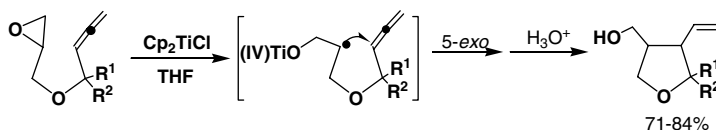


(X = CH, N; R¹ = (CH₂)_nAr_{yl} (n = 0, 1); R², R³ = Me, OMe; MH = LiAlH₄, NaBH₄)



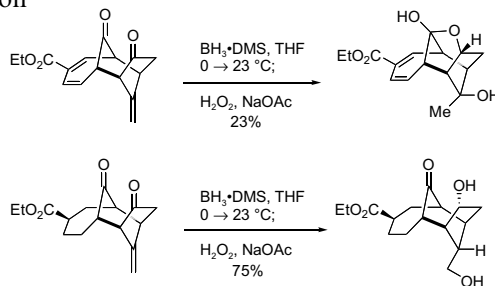
Titanium(III)-induced intramolecular radical cyclization of epoxyallene ethers: an efficient method for synthesis of multifunctional tetrahydrofurans pp 500–503

Lubin Xu, Xian Huang ^{*}



CP-225,917 synthetic studies: unusual hydroboration regioselectivity influenced by remote functional groups pp 504–507

James A. Ashenhurst, James L. Gleason ^{*}

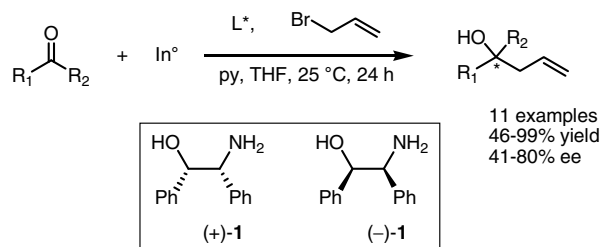


Remote functional groups influence hydroboration of an exocyclic olefin leading to higher than expected levels of 3° alcohol products.



Asymmetric indium-mediated Barbier-type allylation reactions with ketones to form homoallylic alcohol products pp 508–511

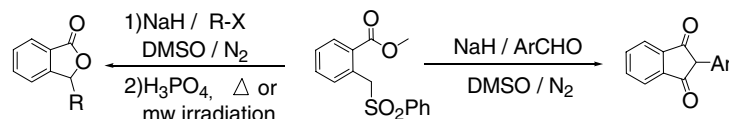
Terra D. Haddad, Lacie C. Hirayama, Philip Taynton, Bakthan Singaram ^{*}



Formation of 2-arylindane-1,3-diones and 3-alkylphthalides from methyl *o*-[α -phenylsulfonyl]toluate

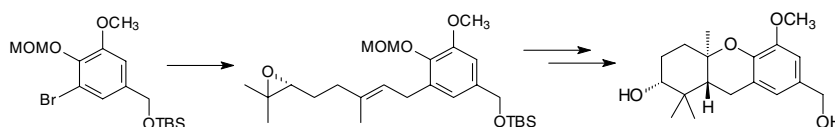
pp 512–515

B. T. S. Thirumamagal *, Sureshbabu Narayanasamy

**Synthesis of the schweinfurthin hexahydroxanthene core through Shi epoxidation**

pp 516–519

Jeffrey D. Neighbors, Nolan R. Mente, Kelly D. Boss, Donald W. Zehnder, II, David F. Wiemer *

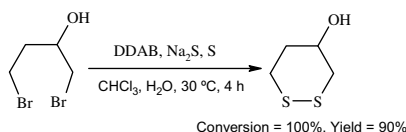


Use of a Shi epoxidation for introduction of chirality in a key epoxide intermediate, together with revised protecting group tactics, has allowed an efficient synthesis of the hexahydroxanthene subunit common to the natural schweinfurthin F and the synthetic analogue 3-deoxyschweinfurthin B.

**Synthesis of cyclic disulfides using didecyldimethylammonium bromide as phase transfer catalyst**

pp 520–522

Sachin U. Sonavane, Mandan Chidambaram, Sanaa Khalil, Joseph Almog and Yoel Sasson*

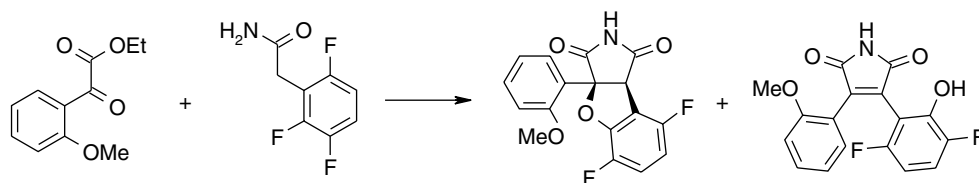


A convenient, practical and general method for the syntheses of symmetrical and unsymmetrical cyclic disulfides based on the reaction of sulfur with sodium sulfide and dibromoalkanes in the presence of didecyldimethylammonium bromide (DDAB) as a phase transfer catalyst is described.

Novel products arising from bisarylmaleimide synthesis

pp 523–525

Neil S. Garton,* Robert W. Ward and Royston C. B. Copley

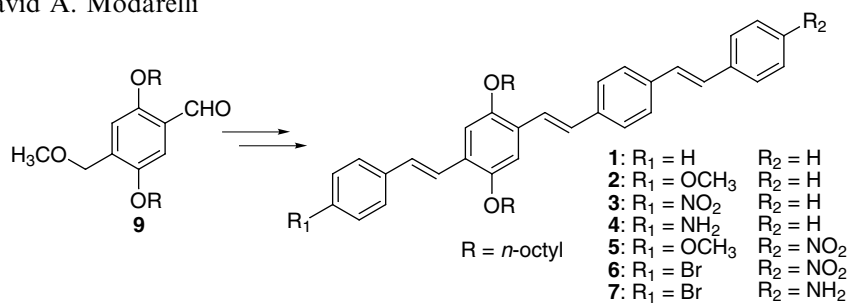


The reaction of a 2-methoxyaryl glyoxalate with a 2,3,6-trifluorophenylacetamide yielded a novel 2-hydroxyaryl substituted bisarylmaleimide.

The efficient synthesis of unsymmetrical oligo(phenylenevinylenes)

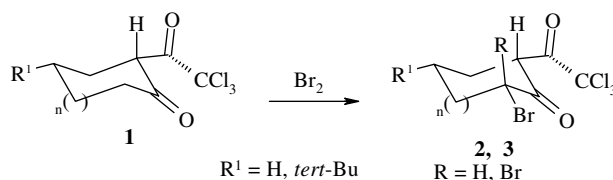
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Timothy Smith and David A. Modarelli*

**The regioselective ω-bromination of 2-trichloroacetylcycloalkanones**

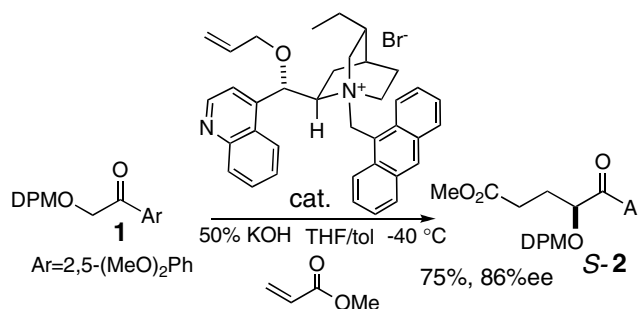
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Alex F. C. Flores,* Sergio Brondani, Marcos A. P. Martins, Helio G. Bonacorso and Nilo Zanatta

**Phase-transfer catalyzed glycolate conjugate addition**

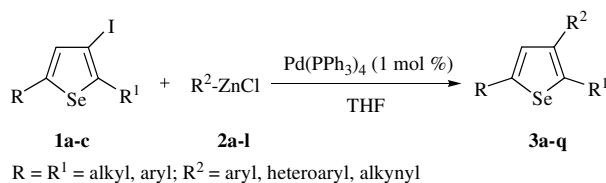
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Merritt B. Andrus* and Zhifeng Ye

**3-Iodoselenophene derivatives: a versatile substrate for Negishi cross-coupling reaction**

pp 538–542

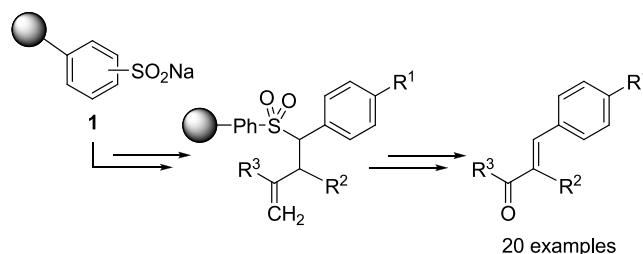
Ricardo F. Schumacher, Diego Alves, Ricardo Brandão, Cristina W. Nogueira and Gilson Zeni*



Traceless sulfone linker cleavage triggered by ozonolysis: solid-phase synthesis of diverse α - β -unsaturated carbonyl compounds

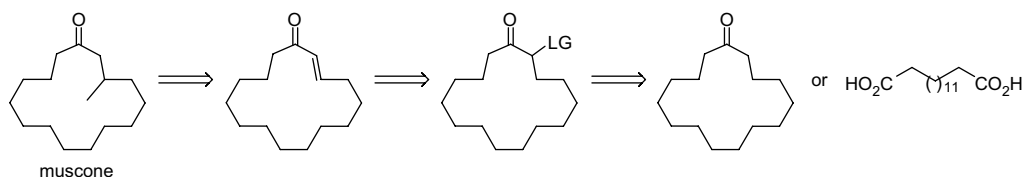
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Yi-Fan Chang, Yi-Rui Jiang and Wei-Chieh Cheng*

**A practical synthesis of (*E*)-2-cyclopentadecen-1-one: an important precursor of macrocyclic muscone**

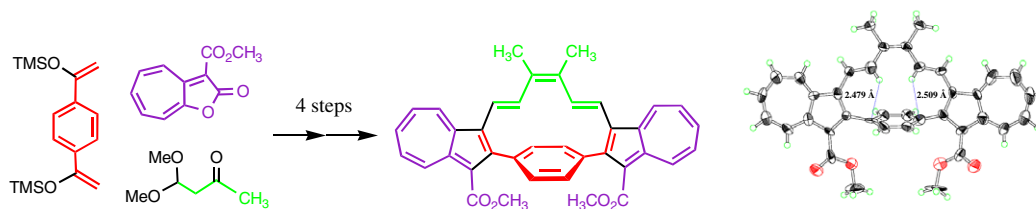
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Yusuke Hisanaga, Yuya Asumi, Masaki Takahashi, Yasuhiro Shimizu, Nobuyuki Mase, Hidemi Yoda and Kunihiko Takabe*

**Synthesis and structure of polyunsaturated [10]paracyclophane annulated by two azulene rings**

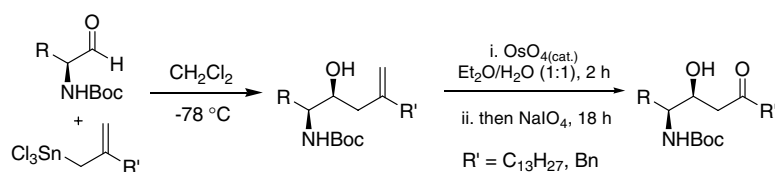
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Shigeyasu Kuroda,* Yuji Obata, Nguyen Chung Thanh, Ryuta Miyatake, Yoshikazu Horino and Mitsunori Oda*

**Addition of allyltrichlorostannanes to aldehydes: application in the synthesis of 4-*N*-Boc-amino-3-hydroxy ketones**

pp 557–561

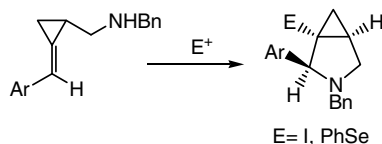
Luiz C. Dias,* Juliana Fattori and Carla Cristina Perez



An efficient stereoselective synthesis of 1-iodo- or 1-phenyl selenenyl-2-aryl-3-azabicyclo[3.1.0]hexane via electrophilic cyclization of benzyl-2-arylmethylidenecyclopropylmethyl-amines

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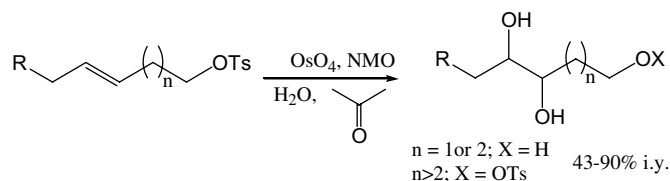
Weijun Fu and Xian Huang*



Unexpected tosyl deprotection during osmium catalysed dihydroxylation

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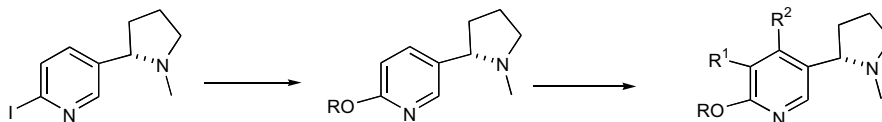
Frédéric Batt, Olivier Piva and Fabienne Fache*



Synthesis and regioselective substitution of C-6 alkoxy derivatives of (S)-nicotine

pp 569–572

Pauline W. Ondachi and Daniel L. Comins*



*Corresponding author

Supplementary data available via ScienceDirect

COVER

Synthetic intermediates for norepinephrine transporter (NET) inhibitors were efficiently prepared by using our atropisomeric lactam chemistry (catalytic enantioselective intramolecular N-arylation followed by diastereoselective α -alkylation of the resulting atropisomeric lactam) as key reactions. *Tetrahedron Letters* **2008**, 49, 471–474.

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