

Tetrahedron Letters Vol. 45, No. 52, 2004

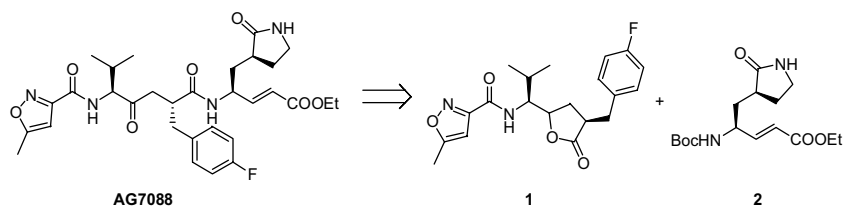
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COMMUNICATIONS

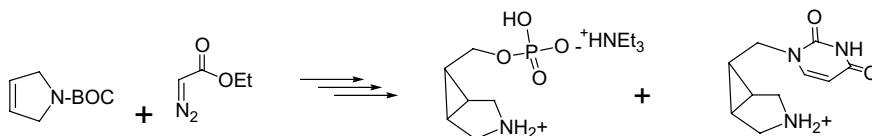
Synthetic studies towards anti-SARS agents: application of an indium-mediated allylation of α -aminoaldehydes as the key step towards an intermediate pp 9501–9504

Shu-Sin Chng, Truong-Giang Hoang, Wei-Woon Wayne Lee, Mun-Pun Tham, Hui Yvonne Ling and Teck-Peng Loh*



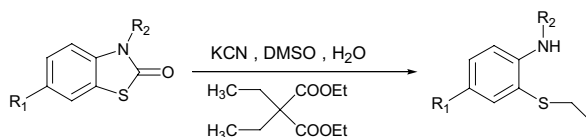
Synthesis of *endo*-(3-azabicyclo[3.1.0]hex-6-yl)-methanol and derivatives as new geometric/charge mimics of glycosyltransfer transition states pp 9505–9507

Janice Elaine P. Young and Nicole A. Horenstein*



Synthesis of 2-(ethylsulfanyl)aniline derivatives through the unexpected ring opening of *N*-substituted-2(3*H*)-benzothiazolones pp 9509–9511

Nicolas Lebegue,* Gaetan Charrier, Pascal Carato, Saïd Yous and Pascal Berthelot

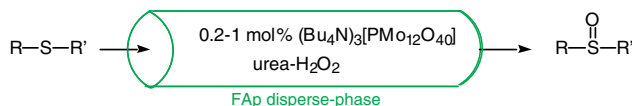


The decarbalkoxylation of disubstituted geminal diesters by water–DMSO with added salts (KCN or NaCN) is a convenient preparative route leading to the corresponding monoesters. Herein, we described an efficient and very simple methodology for the preparation of 2-(ethylsulfanyl)aniline derivatives through the unexpected ring opening of the corresponding *N*-substituted-2(3*H*)-benzothiazolones in the presence of disubstituted geminal diester, KCN, and water–DMSO.

Tetrabutylammonium phosphomolybdate on fluorapatite: an efficient solid catalyst for solvent-free selective oxidation of sulfides

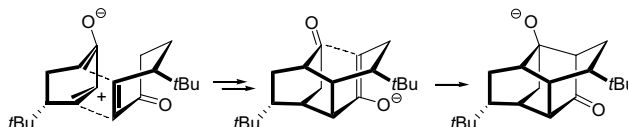
pp 9513–9515

Yoh Sasaki, Kyohei Ushimaru, Katsuma Iteya, Hirokazu Nakayama, Shunro Yamaguchi and Junko Ichihara*


Serendipitous synthesis of a ditwistane: a one-step access!

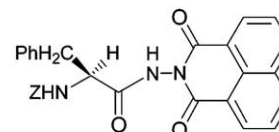
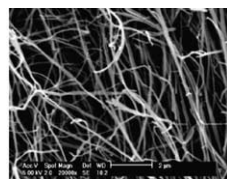
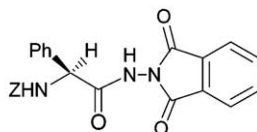
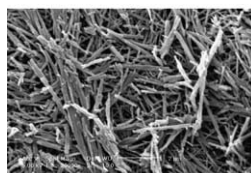
pp 9517–9520

Thilo Berkenbusch, Andy Ch. Laungani, Reinhard Brückner* and Manfred Keller


A family of strong low-molecular-weight organogelators based on aminoacid derivatives

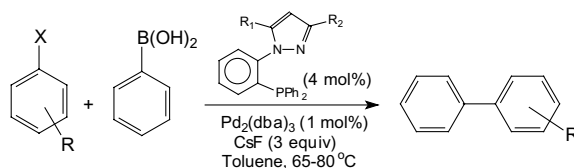
pp 9521–9524

Nicolas Brosse,* Danielle Barth and Brigitte Jamart-Grégoire


Pyrazole-tethered arylphosphine ligands for Suzuki reactions of aryl chlorides: how important is chelation?

pp 9525–9528

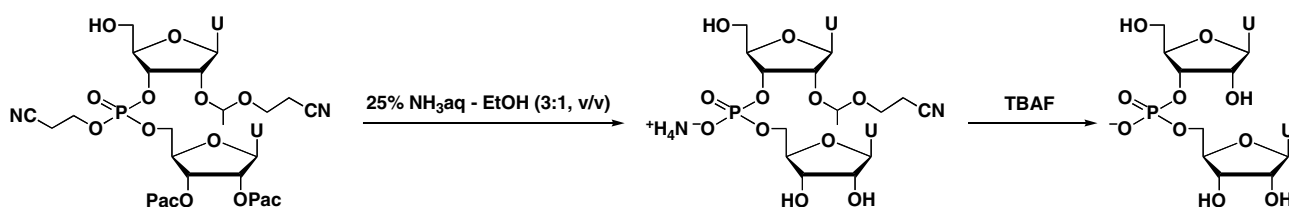
Anuradha Mukherjee and Amitabha Sarkar*



Oligoribonucleotide synthesis by the use of 1-(2-cyanoethoxy)ethyl (CEE) as a 2'-hydroxy protecting group

pp 9529–9531

Tadashi Umemoto and Takeshi Wada*

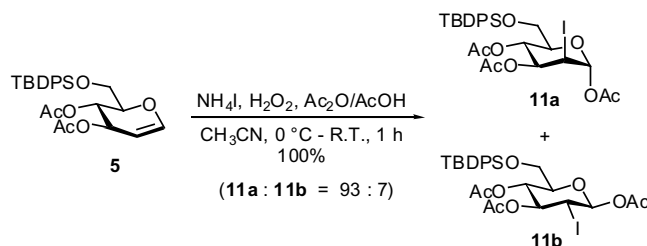


A novel method for the synthesis of oligoribonucleotide using 1-(2-cyanoethoxy)ethyl (CEE) as a 2'-hydroxy protecting group has been developed.

A simple, efficient alternative for highly stereoselective iodoacetoxylation of protected glycols

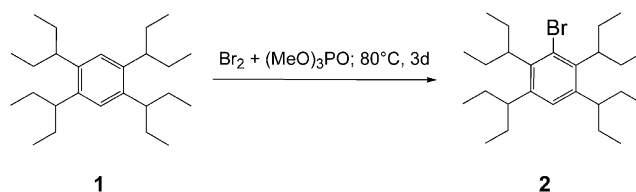
pp 9533–9536

David W. Gammon,* Henok H. Kinfe, Dirk E. De Vos, Pierre A. Jacobs and Bert F. Sels

**Synthesis and properties of 1-bromo-2,3,5,6-tetrakis(3-pentyl)benzene: a highly sterically hindered aryl bromide**

pp 9537–9540

Barry R. Steele,* Maria Micha-Screttas and Constantinos G. Screttas

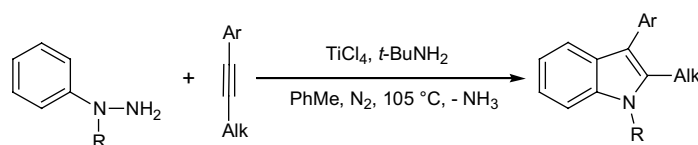


Variable temperature NMR spectra of **2** indicate severely restricted rotation for the groups *ortho* to the bromine.

TiCl₄/*t*-BuNH₂ as the sole catalyst for a hydroamination-based Fischer indole synthesis

pp 9541–9544

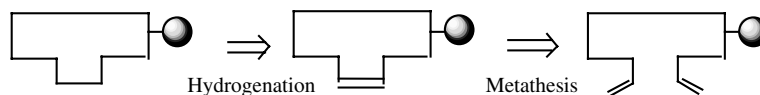
Lutz Ackermann* and Robert Born



A system comprising TiCl₄ and *t*-BuNH₂ converts alkynes and hydrazines directly to the corresponding indoles in a highly regioselective manner and generates substituted pyrroles from a 1,3-diyne and aniline derivatives.

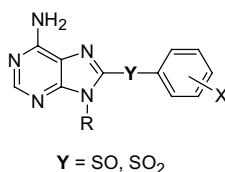


A tandem metathesis–hydrogenation route to dicarba analogues of cystine-containing cyclic peptides pp 9545–9547
 Amanda N. Whelan, Jomana Elaridi, Michael Harte, Suzanne V. Smith, W. Roy Jackson and Andrea J. Robinson*

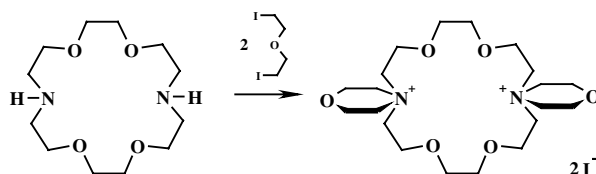


Dicarba analogues of cystine-bridged cyclic peptides are readily prepared via a tandem homogeneous metal-catalysed metathesis–hydrogenation sequence under mild experimental conditions.

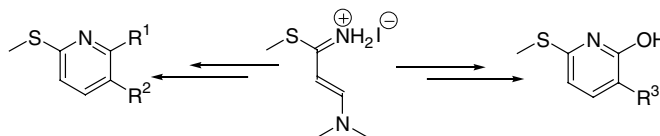
Synthesis of 8-arylsulfoxyl/sulfonyl adenines pp 9549–9552
 Laura Llauger, Huazhong He and Gabriela Chiosis*



The unusual course of the high-pressure reaction of 1,10-diaza-[18]-crown-6 with α,ω -diiodo ethers pp 9553–9556
 Aldona Tarnowska, Piotr Tarnowski and Janusz Jurczak*



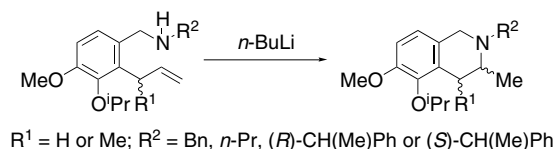
Synthesis of pyridone and pyridine rings by [4+2] hetero-cyclocondensation pp 9557–9559
 Aélig Robin, Karine Julienne, Jean Claude Meslin and David Deniaud*



The synthesis of 3-methyl- and 3,4-dimethyltetrahydroisoquinolines by intramolecular hydroamination with *n*-butyllithium

pp 9561–9563

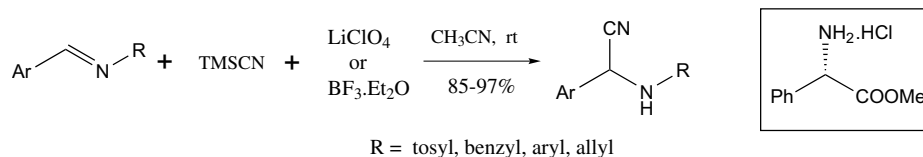
Willem A. L. van Otterlo,* Rakhi Pathak, Charles B. de Koning and Manuel A. Fernandes



Trimethylsilyl cyanide addition to aldimines and its application in the synthesis of (*S*)-phenylglycine methyl ester

pp 9565–9567

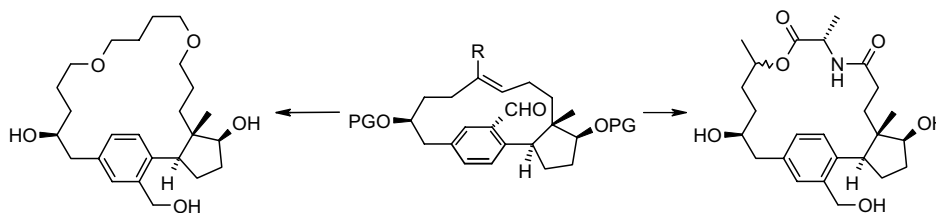
B. A. Bhanu Prasad, Alakesh Bisai and Vinod K. Singh*



Novel macrocyclic templates by ring enlargement of ansa-steroids

pp 9569–9571

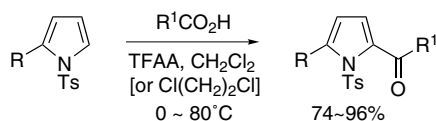
Stefan Bäurle, Thorsten Blume, Emmanuel Leroy, Anne Mengel,* Christian Parchmann, Kathrin Schmidt and Werner Skuballa



A new method for the acylation of pyrroles

pp 9573–9576

Chuanjun Song, David W. Knight* and Maria A. Whatton (née Fagan)

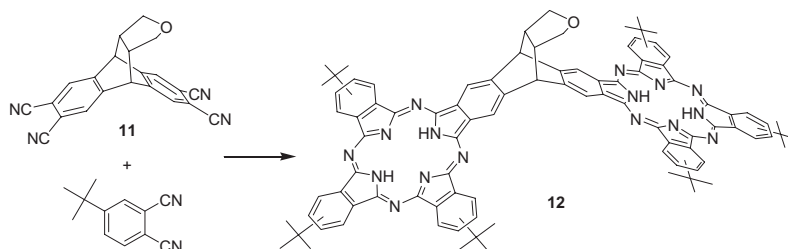


N-Tosylpyrroles can be very efficiently acylated by carboxylic acids in the presence of trifluoroacetic anhydride to give only the 2-acyl derivatives.

The first synthesis of a gable bis-phthalocyanine

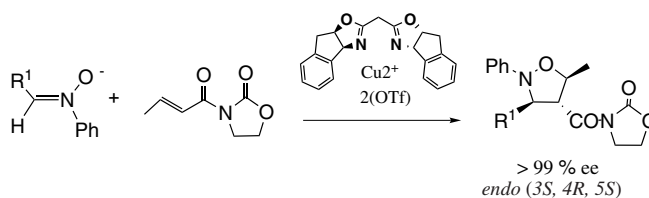
Yoshiaki Asano and Nagao Kobayashi*

pp 9577–9580

**Evaluation of chiral bidentate ligand–metal complexes in asymmetric 1,3-dipolar cycloaddition reaction of nitrones with 3-alkenyl-2-oxazolidinones**

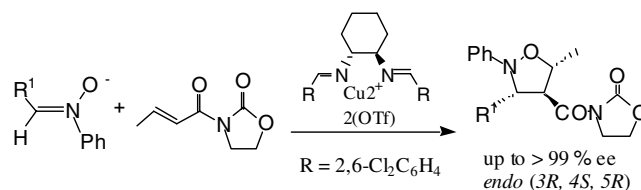
Takao Saito,* Takuya Yamada, Shingo Miyazaki and Takashi Otani

pp 9581–9584

**Catalytic highly enantioselective 1,3-dipolar cycloaddition reaction of nitrones with 3-alkenyl-2-oxazolidinones by use of a bidentate chiral bis(imine) ligand–Cu(II) triflate complex**

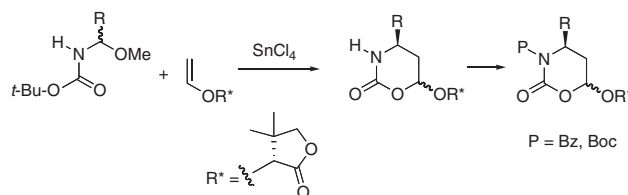
Takao Saito,* Takuya Yamada, Shingo Miyazaki and Takashi Otani

pp 9585–9587

**Diastereoselective preparation of novel tetrahydrooxazinones via heterocycloaddition of *N*-Boc, *O*-Me-acetals**

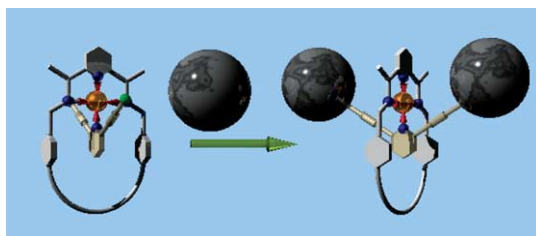
Patricia Gizecki, Ramzi Ait Youcef, Céline Poulard, Robert Dhal and Gilles Dujardin*

pp 9589–9592



Synthesis of novel interlocked systems utilizing a palladium complex with 2,6-pyridinedicarboxamide-based tridentate macrocyclic ligand pp 9593–9597

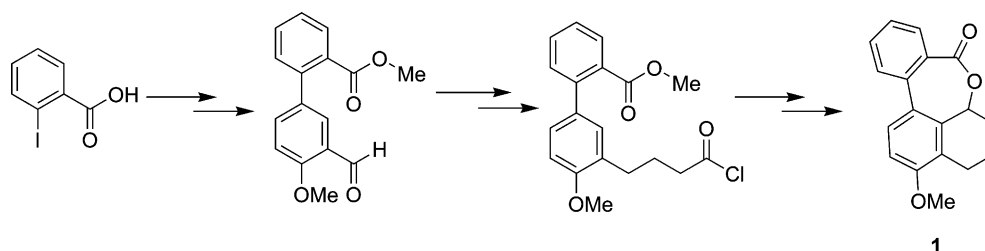
Yoshio Furusho, Takanori Matsuyama, Toshikazu Takata,* Toshiyuki Moriuchi and Toshikazu Hirao*



A new rotaxane synthesis utilizing square-planar palladium complex is described.

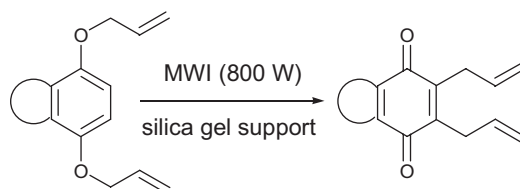
Synthesis and characterization of a functionalized chiral biaryl capable of exhibiting unidirectional bond rotation pp 9599–9602

Bart J. Dahl and Bruce P. Branchaud*



Microwave-assisted Claisen rearrangement on a silica gel support pp 9603–9605

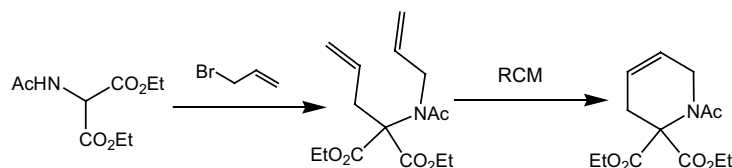
Sambasivarao Kotha,* Kalyaneswar Mandal, Ashoke Chandra Deb and Shaibal Banerjee



A fast, efficient and environmentally benign solvent-free procedure has been developed for microwave-assisted Claisen rearrangement on a silica gel support.

N-Alkylation of diethyl acetamidomalonate: synthesis of constrained amino acid derivatives by ring-closing metathesis pp 9607–9610

Sambasivarao Kotha* and Kuldeep Singh

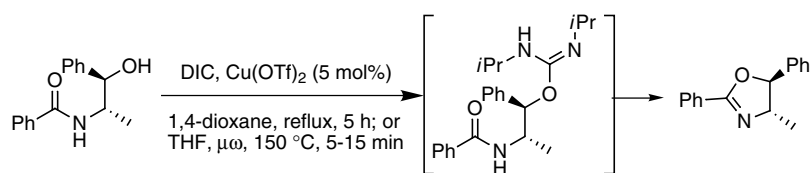


An efficient method for *N*-alkylation of diethyl acetamidomalonate (DEAM) is reported. *C*-Alkenylation was achieved by treating the *N*-alkenylated DEAM with various electrophiles in the presence of Cs_2CO_3 . RCM reactions of *C*- and *N*-alkenylated products gave cyclic amino acid derivatives in good yields.

Synthesis of 2-oxazolines mediated by *N,N'*-diisopropylcarbodiimide

pp 9611–9615

Stefano Crosignani, Abigail C. Young and Bruno Linclau*

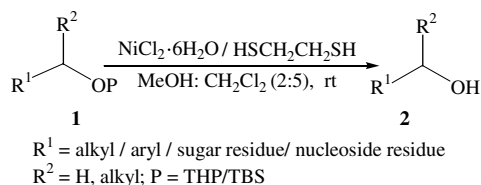


Heating *N*-(β -hydroxyethyl)amides with DIC and Cu(OTf)₂ (5 mol%) leads to the formation of 2-oxazolines in good to excellent yields.

A catalytic amount of nickel(II) chloride hexahydrate and 1,2-ethanedithiol is a good combination for the cleavage of tetrahydropyranyl (THP) and *tert*-butyldimethylsilyl (TBS) ethers

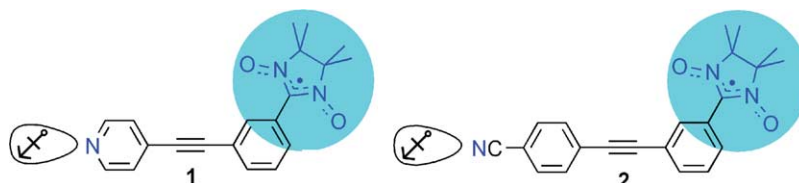
pp 9617–9621

Abu T. Khan,* Samimul Islam, Lokman H. Choudhury and Subrata Ghosh

**Rigid nitronyl-nitroxide-labelled anchoring molecules: syntheses, structural and magnetic investigations**

pp 9623–9626

Christophe Stroh, Marcel Mayor* and Carsten von Hänisch

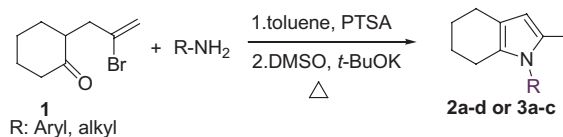


Two reaction pathways have been used for the synthesis of new paramagnetic conjugated molecules bearing a nitrogen-based anchoring group. Both compounds are obtained in good yields and spin concentrations.

One-pot synthesis of *N*-substituted 2-methyl-4,5,6,7-tetrahydroindole derivatives

pp 9627–9629

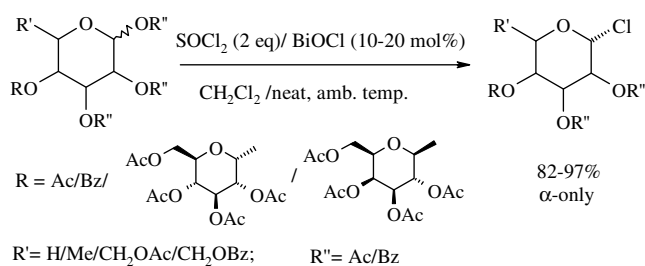
Cihangir Tanyeli,* İdris M. Akhmedov* and Emre Y. Yazıcıoğlu



Highly stereoselective synthesis of peracylated α -aldopyranosyl chlorides from aldopyranose peracetates and thionyl chloride catalyzed by BiCl₃ generated in situ from the procatalyst BiOCl

pp 9631–9634

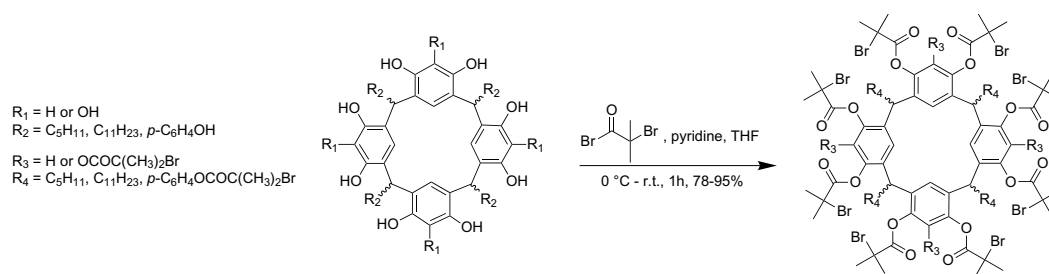
Rina Ghosh,* Arijit Chakraborty and Swarupananda Maiti



Novel starshaped initiators for the controlled radical polymerization based on resorcin[4]- and pyrogallol[4]arenes

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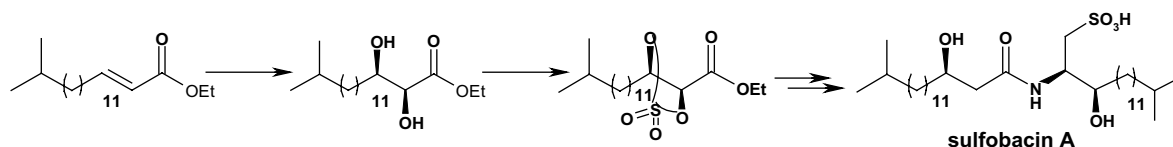
Tilo Krause, Margit Gruner, Dirk Kuckling and Wolf D. Habicher*



An efficient total synthesis of sulfobacin A

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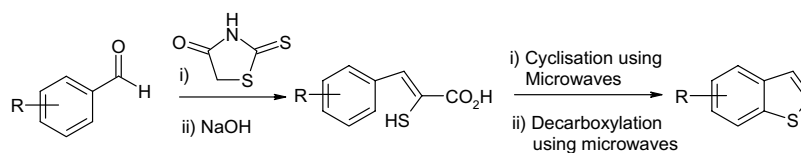
Priti Gupta, S. Vasudeva Naidu and Pradeep Kumar*



An improved synthesis of substituted benzo[b]thiophenes using microwave irradiation

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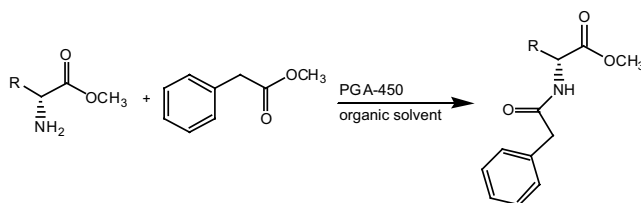
Daniel Allen, Owen Callaghan, Frederic L. Cordier,* David R. Dobson, John R. Harris, Terry M. Hotten, W. Martin Owton, Richard E. Rathmell and Virginia A. Wood



Quantitative enzymatic protection of D-amino acid methyl esters by exploiting ‘relaxed’ enantioselectivity of penicillin-G amidase in organic solvent

pp 9649–9652

Chiara Carboni, Peter J. L. M. Quaedflieg, Quirinus B. Broxterman, Paolo Linda and Lucia Gardossi*



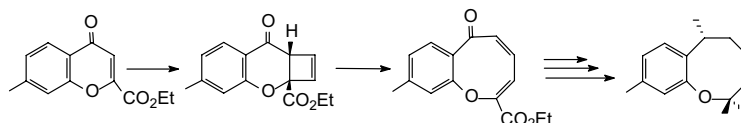
A quantitative method for enzymatic protection of esters of various D-amino acids in organic solvent is reported.



Synthesis of helianane, an unusual marine sesquiterpene employing ring-expansion by flash vacuum thermolysis

pp 9653–9655

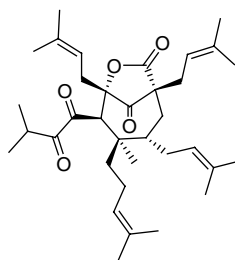
Subir K. Sabui and Ramanathapuram V. Venkateswaran*



A phloroglucinol derivative with a new carbon skeleton from *Hypericum perforatum* (Guttiferae)

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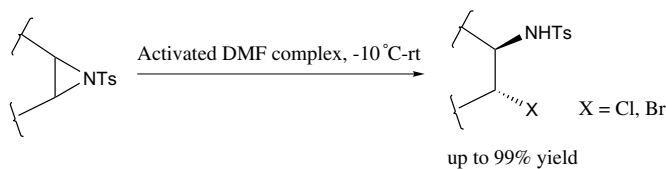
Jien Wu, Xiao-Fang Cheng, Leslie J. Harrison,* Swee-Hock Goh and Keng-Yeow Sim



Regioselective ring opening of aziridines with activated DMF complexes: a facile synthesis of β-haloamines

pp 9661–9663


Manoj K. Pandey, Alakesh Bisai and Vinod K. Singh*



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*Corresponding author

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