

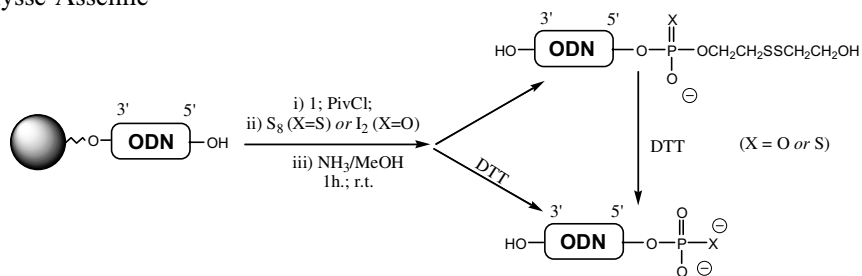
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COMMUNICATIONS

New reagent for the preparation of oligonucleotides involving a 5'-thiophosphate or a 5'-phosphate group

pp 5949–5952

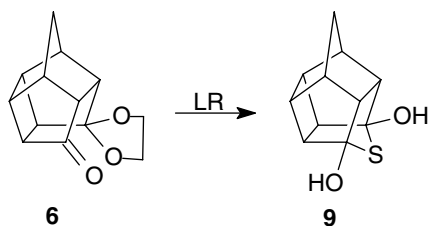
Rémy Lartia and Ulysse Asseline\*



Thionation of the monoacetal of pentacyclo[5.4.0.0<sup>2,6</sup>.0<sup>3,10</sup>.0<sup>5,9</sup>]undecane-8,11-dione

pp 5953–5955

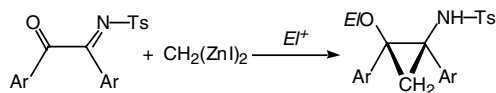
Colin E. Read,\* Frans J. C. Martins and Agatha M. Viljoen



Preparation of *cis*-2-aminocyclopropanol: [2+1] cycloaddition reaction of bis(iodozincio)methane with  $\alpha$ -ketoimine

pp 5957–5959

Kenichi Nomura, Koichiro Oshima and Sejiro Matsubara\*



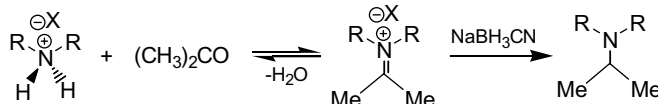
A reaction of  $\alpha$ -ketoimine with bis(iodozincio)methane gave a *cis*-2-aminocyclopropanol derivative via [2+1] cycloaddition.



**A cautionary note regarding the investigation of supramolecular complexes involving secondary ammonium salts in acetone**

pp 5961–5963

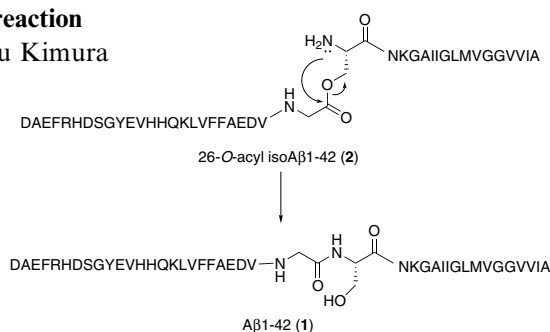
Jason W. Jones, Feihe Huang, William S. Bryant and Harry W. Gibson\*


**Design and synthesis of a novel water-soluble Aβ1-42 isopeptide: an efficient strategy for the preparation of Alzheimer's disease-related peptide, Aβ1-42, via O–N intramolecular acyl migration reaction**

pp 5965–5968

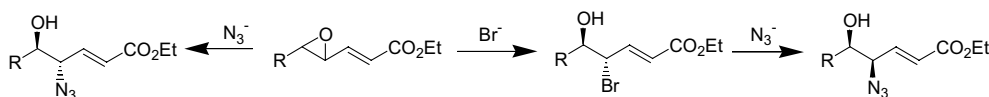
Youhei Sohma, Masato Sasaki, Yoshio Hayashi,\* Tooru Kimura and Yoshiaki Kiso\*

Aβ1-42 was prepared via the synthesis of its water-soluble O-acyl isopeptide, '26-O-acyl isoAβ1-42'.


**Regio- and stereoselective ring opening of vinyl epoxides with MgBr<sub>2</sub>**

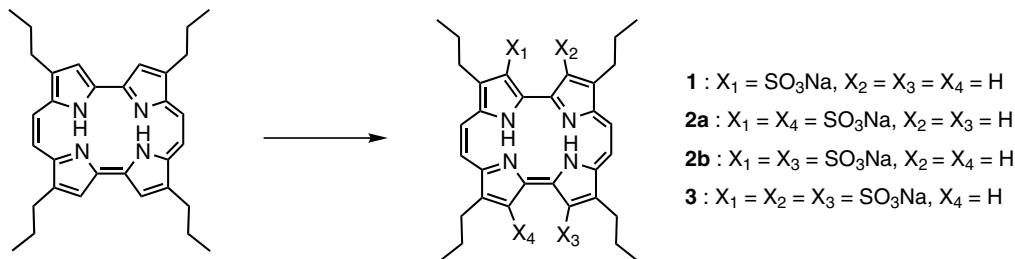
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Jae Du Ha,\* Sun Young Kim, Su Jung Lee, Seung Kyu Kang, Jin Hee Ahn, Sung Soo Kim and Joong-Kwon Choi


**Synthesis and simple separation of β-pyrrole sulfonated porphycenes**

pp 5973–5975

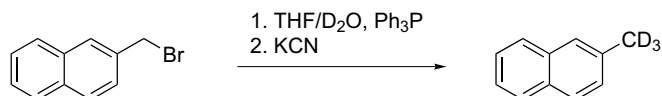
Tatsushi Baba, Hisashi Shimakoshi and Yoshio Hisaeda\*



**Synthesis of deuterium labeled compounds by KCN-assisted hydrolysis of phosphonium salts**

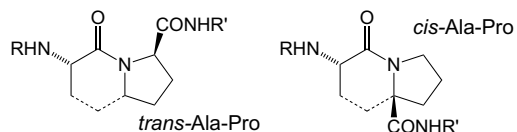
pp 5977–5981

Ka Young Lee, Jeong Eun Na, Mi Jung Lee and Jae Nyong Kim\*

**Diastereoselective synthesis of homologous bicyclic lactams—potential building blocks for peptide mimics**

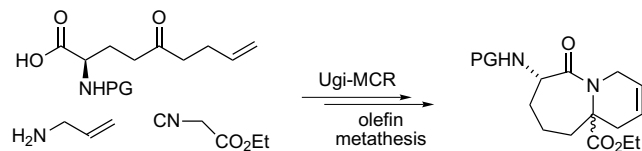
pp 5983–5986

Bernhard Westermann,\* Nicole Diedrichs, Ralf Krelaus, Armin Walter and Ina Gedrath

**Preparation of peptide-like bicyclic lactams via a sequential Ugi reaction—olefin metathesis approach**

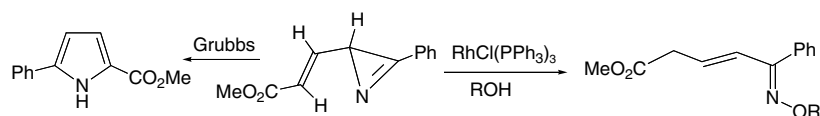
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Ralf Krelaus and Bernhard Westermann\*

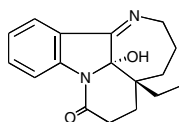
**Transition metal catalyzed ring opening reactions of 2-phenyl-3-vinyl substituted 2H-azirines**

pp 5991–5993

Albert Padwa\* and Thomas Stengel



**Mersicarpine, an unusual tetracyclic dihydroindole alkaloid incorporating a seven-membered imine ring** pp 5995–5998  
 Toh-Seok Kam,\* G. Subramaniam, Kuan-Hon Lim and Yeun-Mun Choo

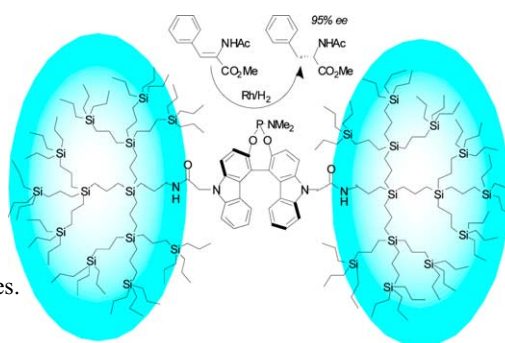


A novel dihydroindole derivative, mersicarpine, incorporating a novel tetracyclic carbon skeleton, containing a seven-membered imine ring, was obtained from a Malayan *Kopsia* species. The structure was established by spectroscopic analysis and a possible biogenetic pathway from a leuconolam precursor is presented.

**Dendritic phosphoramidite ligands in Rh-catalysed asymmetric hydrogenations**

pp 5999–6002

Peter N. M. Botman, Alessia Amore, Rieko van Heerbeek,  
 Jaap Willem Back, Henk Hiemstra, Joost N. H. Reek\*  
 and Jan H. van Maarseveen\*

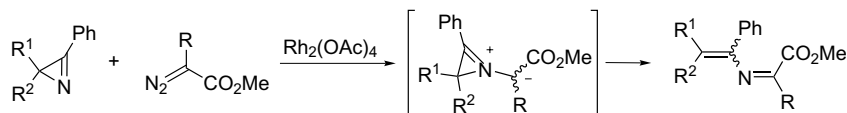


Ee's up to 95% were obtained in the Rh-catalysed hydrogenation of a dehydroamino acid with a BICOL-based phosphoramidite ligand encapsulated in the core of two third generation carbosilane dendritic wedges.

**Reactions of 2H-azirines with carbenoids from diazo esters: transformations of novel azirinium ylides**

pp 6003–6006

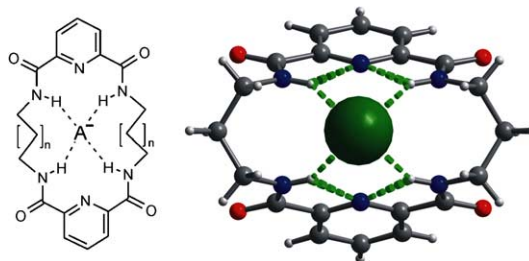
Alexander F. Khlebnikov,\* Mikhail S. Novikov and Amer A. Amer



**Size complementarity in anion recognition by neutral macrocyclic tetraamides**

pp 6007–6010

Michał Chmielewski and Janusz Jurczak\*



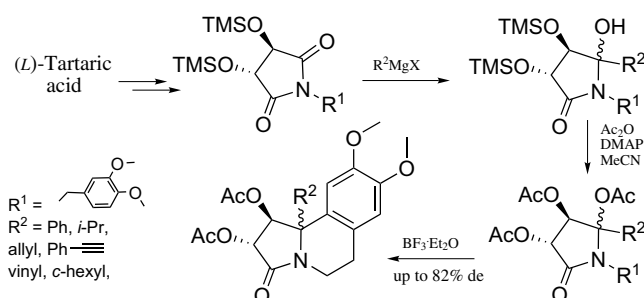
Comparison of the anion binding properties of a series of uncharged macrocyclic tetraamides reveal significant effects of size complementarity between anion and receptor on the strength and selectivity of the corresponding complexes.



**Diastereoselective synthesis of 10b-substituted hexahydropyrroloisoquinolines from L-tartaric acid. Creation of a quaternary carbon stereocentre via N-acyliminium ion cyclization**

pp 6011–6015

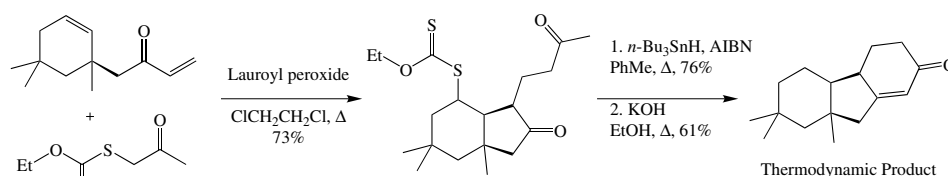
Danuta Mostowicz, Robert Wójcik, Grzegorz Dołęga and Zbigniew Kałuża\*



**A new approach to the synthesis of polycyclic structures**

pp 6017–6020

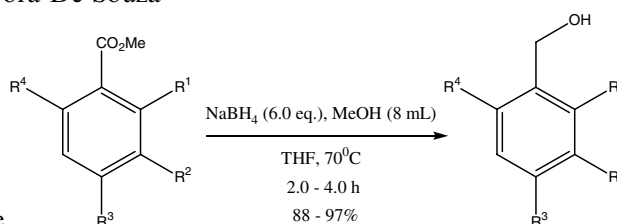
Michael E. Briggs, Myriem El Qacemi, Chakib Kalai and Samir Z. Zard\*



**A simple reduction of methyl aromatic esters to alcohols using sodium borohydride–methanol system**

pp 6021–6022

Núbia Boechat, Jorge Carlos Santos da Costa, Jorge de Souza Mendonça, Pedro Santos Mello de Oliveira and Marcus Vinícius Nora De Souza\*

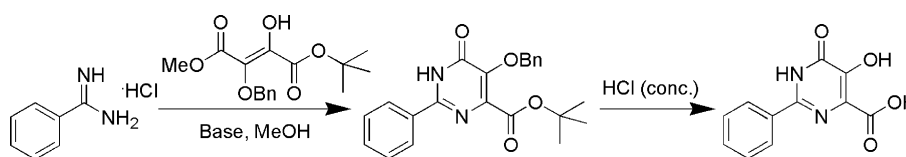


Several aromatic esters were reduced to the corresponding alcohol by using sodium borohydride–methanol system. This methodology is simple, safe, inexpensive, general and the reduction of methyl aromatic esters to the respective alcohol products were isolated after aqueous workup in good yields.

**Highly selective synthesis of 2-substituted-5-hydroxy-6-oxo-1,6-dihydropyrimidine-4-carboxylic acid derivatives using a novel protected dihydroxyfumarate**

pp 6023–6025

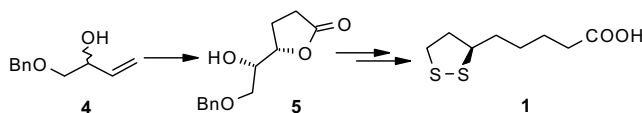
Spencer D. Dreher,\* Norihiro Ikemoto, Venita Gresham, Jinchu Liu, Peter G. Dormer, Jaime Balsells, David Mathre, Thomas J. Novak and Joseph D. Armstrong, III



**Enantioselective synthesis of *R*-(+)- $\alpha$  and *S*-(-)- $\alpha$ -lipoic acid**

pp 6027–6028

Subhash P. Chavan,\* Cherukupally Praveen, G. Ramakrishna and U. R. Kalkote

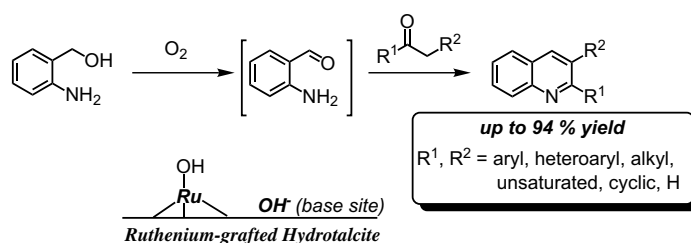


An efficient synthesis of  $\alpha$ -lipoic acid from the readily available *cis*-2-butene-1,4-diol employing Claisen orthoester rearrangement and Sharpless asymmetric dihydroxylation as the key steps, is described.

**Multifunctional catalysis of a ruthenium-grafted hydrotalcite: one-pot synthesis of quinolines from 2-aminobenzyl alcohol and various carbonyl compounds via aerobic oxidation and aldol reaction**

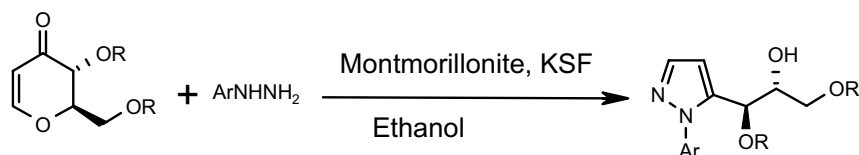
pp 6029–6032

Ken Motokura, Tomoo Mizugaki, Kohki Ebitani and Kiyotomi Kaneda\*

**Montmorillonite KSF clay-promoted synthesis of enantiomerically pure 5-substituted pyrazoles from 2,3-dihydro-4*H*-pyran-4-ones**

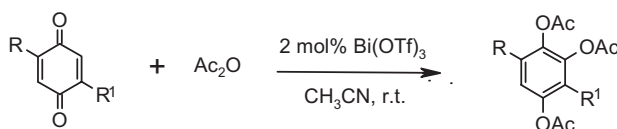
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J. S. Yadav,\* B. V. Subba Reddy, M. Srinivas, A. Prabhakar and B. Jagadeesh

**Bi(OTf)<sub>3</sub>-catalyzed acylation of *p*-quinones: a facile synthesis of acylated hydroquinones**

pp 6037–6039

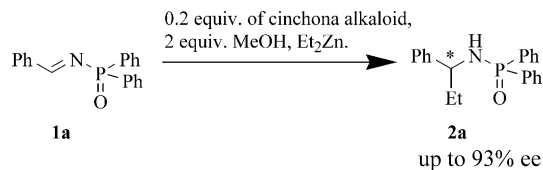
J. S. Yadav,\* B. V. Subba Reddy, T. Swamy and K. Raghavender Rao



**Enantioselective addition of diethylzinc to *N*-diphenylphosphinoylimines employing cinchonidine and cinchonine as chiral ligands**

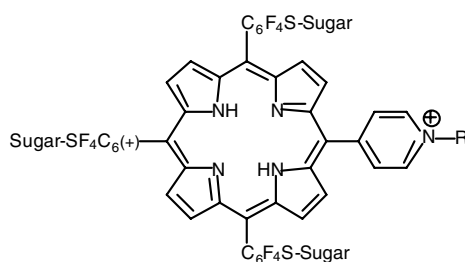
pp 6041–6044

Kenneth J. M. Beresford\*

**Thioglycosylated cationic porphyrins—convenient synthesis and photodynamic activity in vitro**

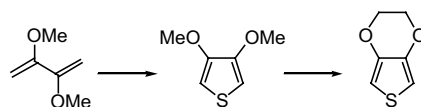
pp 6045–6047

Sajida Ahmed, Eric Davoust, Huguette Savoie, Andrew N. Boa and Ross W. Boyle\*

**Simple one-step synthesis of 3,4-dimethoxythiophene and its conversion into 3,4-ethylenedioxythiophene (EDOT)**

pp 6049–6050

Fredrik von Kieseritzky, Fredrik Allared, Emma Dahlstedt and Jonas Hellberg\*

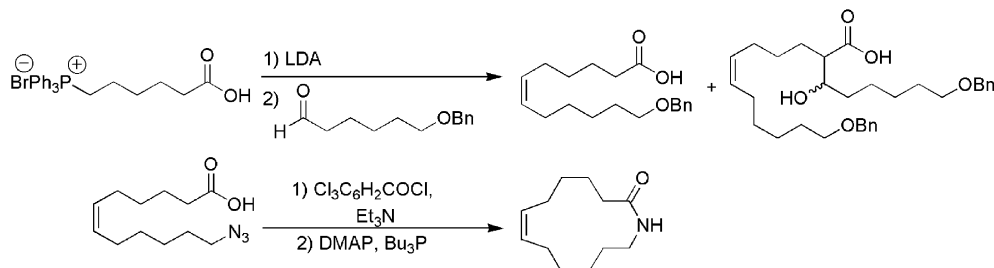


3,4-Dimethoxythiophene was synthesized in one-step from readily available bulk chemicals via a ring closure reaction, and was then *trans*-etherified with ethylene glycol to give 3,4-ethylenedioxythiophene (EDOT).

**Studies toward the synthesis of roseophilin: lactam formation and Wittig/aldol methodology**

pp 6051–6053

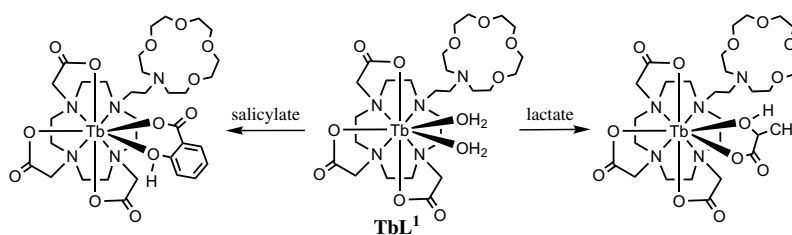
Christopher A. Dyke\* and Thomas A. Bryson



**Luminescent heptadentate Tb<sup>3+</sup> complex with pendant aza-15-crown-5 showing recognition of lactate and salicylate in aqueous solution**

pp 6055–6058

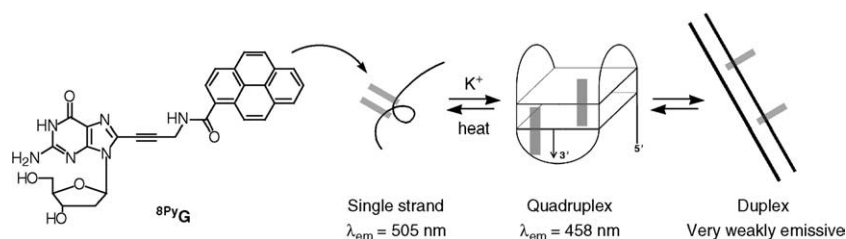
Cong Li and Wing-Tak Wong\*



**A novel fluorescent guanine derivative distinguishable of three structures, single strand, duplex, and quadruplex**

pp 6059–6062

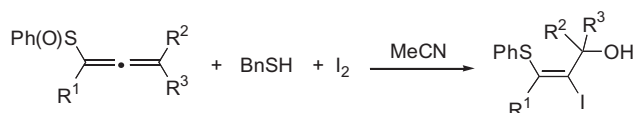
Akimitsu Okamoto, Keiichiro Kanatani, Yuji Ochi, Yoshio Saito and Isao Saito\*



**Convenient stereoselective synthesis of 3-hydroxy-2-iodo-2(E)-alkenyl sulfides via iodohydroxylation of 1,2-allenyl sulfoxides in the presence of BnSH**

pp 6063–6065

Chunling Fu, Xian Huang and Shengming Ma\*



**Michael addition reactions of Grignard reagents to 2-halogenoacrylates: a convenient method for the synthesis of polysubstituted cyclopropane compounds**

pp 6067–6069

Chao Chen, Chanjuan Xi,\* Yanfeng Jiang and Xiaoyin Hong



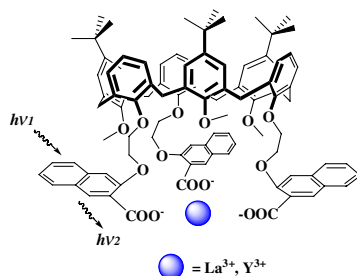
Grignard reagents undergo Michael addition reactions to methyl 2-halogenoacrylate compounds to afford polysubstituted cyclopropane compounds in high yields.



**A selective fluorescent probe for La<sup>3+</sup> and Y<sup>3+</sup> based on calix[6]arene**

pp 6071–6074

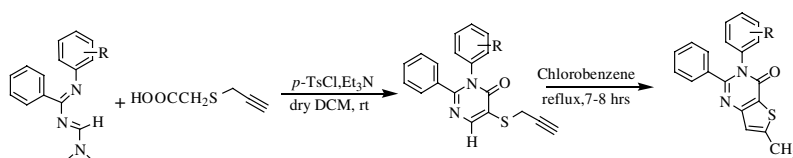
Jun-Min Liu, Chuan-Feng Chen,\* Qi-Yu Zheng and Zhi-Tang Huang\*



**A facile synthesis and thio-Claisen rearrangement of 3-aryl-2-phenyl-5-prop-2-ynylsulfanyl-3H-pyrimidin-4-ones: regioselective transformation to thieno[3,2-d]pyrimidin-4-ones**

pp 6075–6077

Chander Mohan, Vipin Kumar and Mohinder P. Mahajan\*

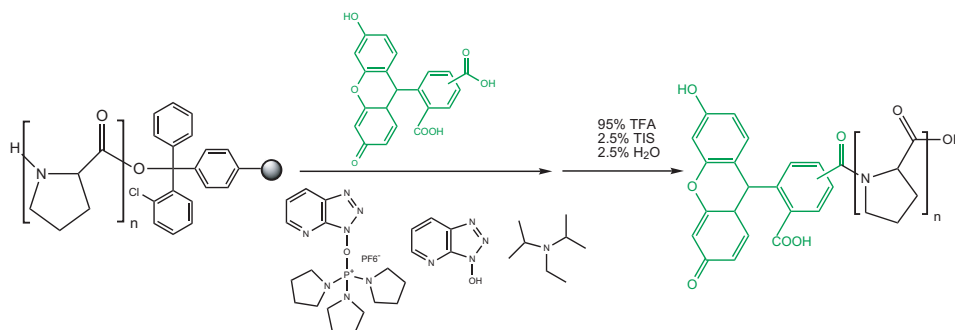


A novel and regioselective approach towards thieno[3,2-d]pyrimidin-4-ones by thio-Claisen rearrangement of 3-aryl-2-phenyl-5-prop-2-ynylsulfanyl-3H-pyrimidin-4-ones is reported.

**An efficient method for the solid-phase synthesis of fluorescently labelled peptides**

pp 6079–6081

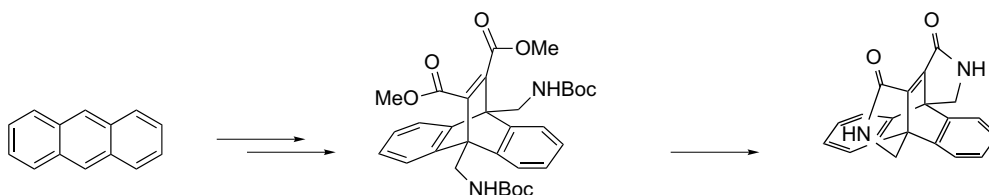
Jimena Fernández-Carneado and Ernest Giralt\*



**Synthesis and conformational analysis of 9,10-bis-aminomethyl-11,12-dicarboxy-dibenzobarrelene derivatives**

pp 6083–6085

Hans E. Grundberg, Ola F. Wendt and Ulf J. Nilsson\*



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\*Corresponding author

①<sup>+</sup> Supplementary data available via ScienceDirect**COVER**

The Ru-grafted hydrotalcite is an excellent multifunctional catalyst for one-pot synthesis of quinolines through aerobic oxidation by the Ru species, followed by aldol reaction on base sites of the hydrotalcite. Details can be found in *Tetrahedron Letters* **2004**, *45*, 6029–6032.

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ISSN 0040-4039