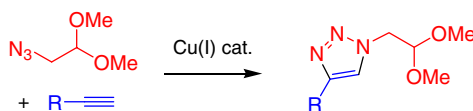


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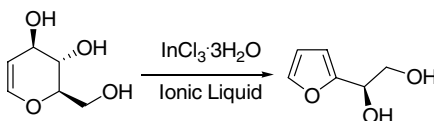
Regioselective synthesis of 1-(2,2-dimethoxyethyl)-1,2,3-triazoles by copper(I)-catalyzed [3+2] cyclization of 2-azido-1,1-dimethoxyethane with alkynes pp 7923–7925

Muhammad Sher, Helmut Reinke and Peter Langer\*



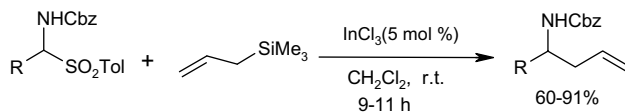
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Marta Teijeira,\* Yagamare Fall, Francisco Santamarta and Emilia Tojo



Remarkably mild and efficient catalytic Sakurai reaction of N-alkoxycarbonylamino sulfones with allyltrimethylsilane using indium(III) chloride pp 7930–7933

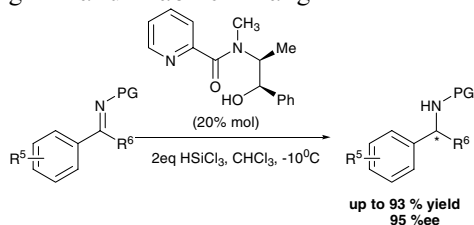
Biswanath Das,\* Kongara Damodar, Darshanala Saritha, Nikhil Chowdhury and Martha Krishnaiah



**Enantioselective hydrosilylation of ketimines with trichlorosilane promoted by chiral *N*-picolinoylaminoalcohols**

pp 7934–7937

Hongjie Zheng, Jingen Deng, Wenqing Lin and Xiaomei Zhang\*



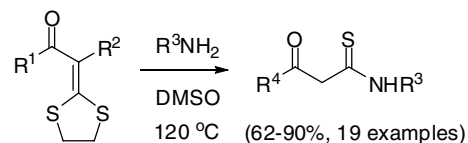
Enantioselective hydrosilylation of *N*-aryl and *N*-benzyl ketimines with trichlorosilane catalyzed by readily accessible chiral *N*-picolinoylaminoalcohols proceeded smoothly furnishing chiral secondary amines in good yields (up to 93%) and moderate to excellent enantioselectivities (up to 95% ee).

**A tandem reaction of 2-acetylmethylene-1,3-dithiolanes via fragmentation of the dithiolane ring in the presence of amines: a facile route to functionalized thioamides**

pp 7938–7941

Fushun Liang,\* Yan Li, Dazhi Li, Xin Cheng and Qun Liu\*

A facile and efficient route to functionalized thioamides has been developed by a tandem reaction of 2-acetylmethylene-1,3-dithiolanes via fragmentation of the dithiolane ring upon heating and in the presence of an amine.



$R^2 = \text{COMe}$   $R^3 = \text{Me, Et, } n\text{-Bu, Bn}$

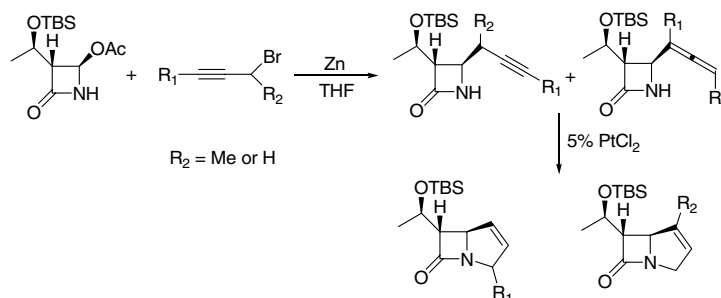
when  $R^1 = \text{Me, Ph, } p\text{-EtOPh, } p\text{-ClPh, NHPH, OMe, OEt}$ ;  $R^4 = R^1$

when  $R^1 = \text{OPh}$ ;  $R^4 = \text{NHR}^3$


**Synthesis of 4-allenyl and 4-propargyl-2-azetidinone via Zn-mediated Barbier-type reaction and Pt-catalyzed intramolecular amidation to carbapenem skeletons**

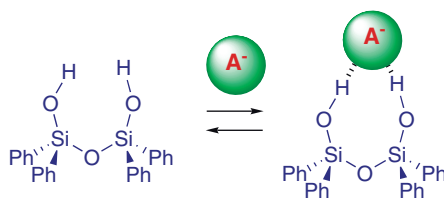
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Biao Jiang\* and Hua Tian


**Anion recognition by a disiloxane-1,3-diol in organic solvents**

pp 7946–7949

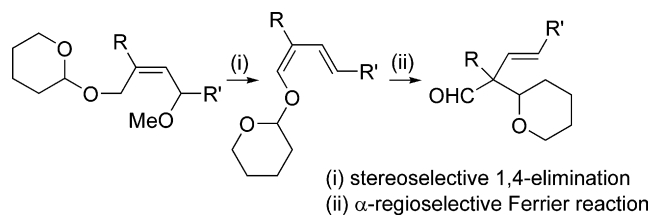
Shin-ichi Kondo,\* Ayumi Fukuda, Takehide Yamamura, Ryoji Tanaka and Masafumi Unno\*



**A facile synthetic method of  $\alpha$ -quaternary- $\beta,\gamma$ -unsaturated aldehydes via the stereoselective 1,4-elimination and  $\alpha$ -regioselective Ferrier reaction**

pp 7950–7952

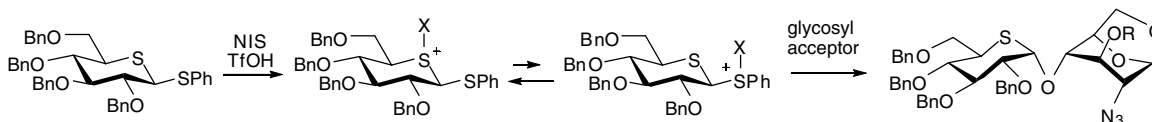
Eiji Tayama\* and Ryo Hashimoto



**A novel 5-thioglycosylation method with 1,5-dithioglycosyl donors: relevance to exo- versus endocyclic activation**

pp 7953–7956

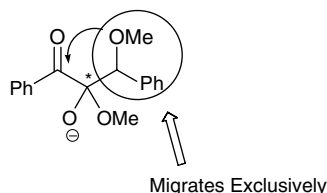
Hideya Yuasa,\* Osamu Tsuruta and Hironobu Hashimoto



**The catalytic tandem oxidation/benzilic ester rearrangement (BER): insights into reaction mechanism and stereoselectivity**

pp 7957–7960

Carolina Silva Marques, Nuno M. M. Moura, Anthony J. Burke\* and Olívia R. Furtado

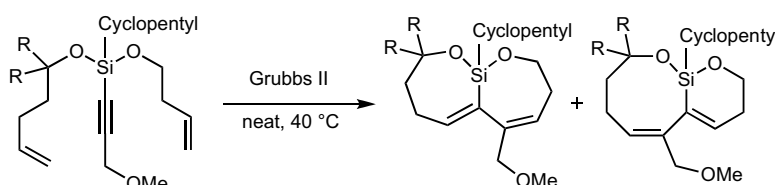


This Letter describes an expeditious regioselective and stereoselective approach to tertiary  $\alpha$ -hydroxyesters via the one pot tandem catalytic oxidation/benzilic ester rearrangement of acyclic  $\alpha$ -hydroxyketone substrates. The mechanism of this reaction (including the diastereoselectivity) was studied in some detail.

**Absence of the Thorpe–Ingold effect by gem-diphenyl groups in ring-closing enyne metathesis**

pp 7961–7964

Yi Jin Kim, Jonathan B. Grimm and Daesung Lee\*

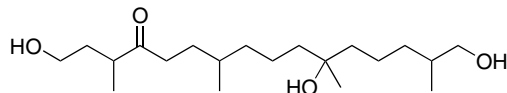


Thorpe-Ingold Effect	R = Me, 20 : 1
Absence of Thorpe-Ingold Effect	R = Ph, 1 : 1



**On the structure of the *Phytophthora*  $\alpha 1$  mating hormone: synthesis and comparison of four candidate stereoisomers** pp 7965–7968

Reena Bajpai, Fanglong Yang and Dennis P. Curran\*

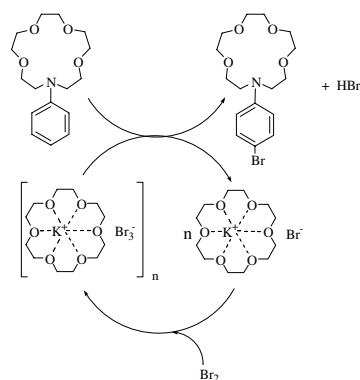


the natural product is in equilibrium with its hemiacetal and may be a mixture of two isomers



**{[K.18-Crown-6]Br<sub>3</sub>}<sub>n</sub>: a unique tribromide-type and columnar nanotube-like structure for the oxidative coupling of thiols and bromination of some aromatic compounds** pp 7969–7973

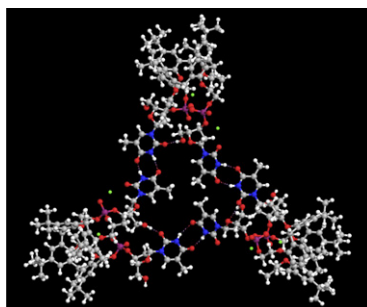
Mohammad Ali Zolfigol,\* Gholamabbas Chehardoli, Sadegh Salehzadeh, Harry Adams and Michael D. Ward



**Self-assembly of a nucleotide-calixarene hybrid in a triangular supramolecule**

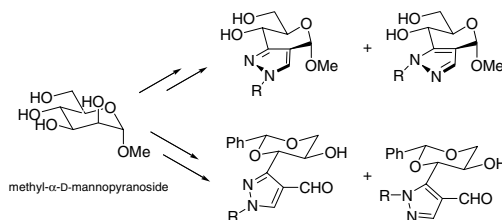
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Grazia M. L. Consoli,\* Giuseppe Granata, Domenico Garozzo, Tommaso Mecca and Corrada Geraci\*



**Synthesis of annelated pyranosides: a rapid and efficient entry to highly functionalized optically pure branched-pyrazoles** pp 7978–7981

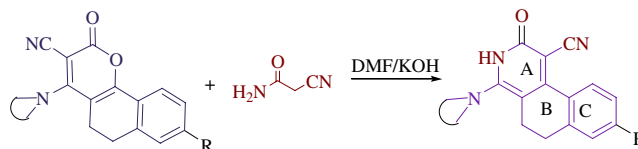
Issa Samb, Nadia Pellegrini-Moïse\* and Yves Chapleur\*



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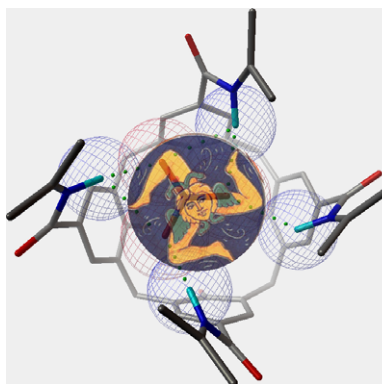
Ramendra Pratap, Resmi Raghunandan, P. R. Maulik and Vishnu Ji Ram\*



**Aramidocalix[4]arenes as new anion receptors**

pp 7986–7989

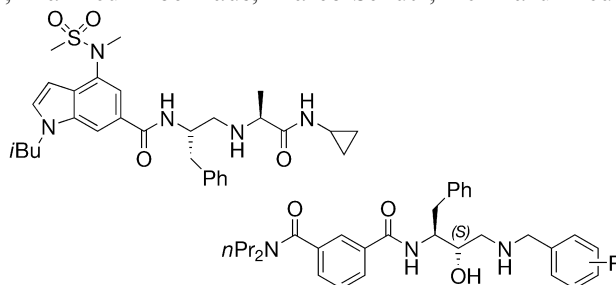
Francesco Troisi, Alessio Russo, Carmine Gaeta, Giuseppe Bifulco and Placido Neri\*



**Aspartic protease inhibitors via C<sub>1</sub>-homologation of peptidic aldehydes and studies on reduced amide isosteres**

pp 7990–7993

Hannes A. Braun, Andrea Zall, Manfred Brockhaus, Marco Schütz, Reinhard Meusinger and Boris Schmidt\*



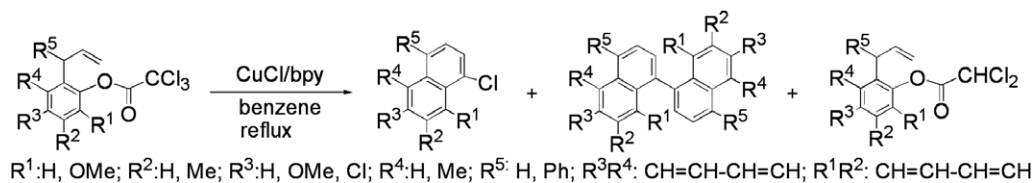
The synthesis and evaluation of potential  $\beta$ -secretase inhibitors are presented.



**An unusual decarboxylative benzannulation and biaryl formation during copper(I)-promoted halogen atom transfer radical cyclization of 2-allylaryl trichloroacetates**

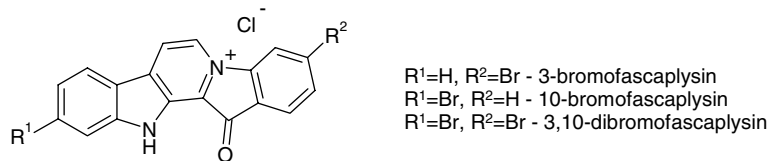
pp 7994–7997

Ram N. Ram,\* Ram K. Tittal and Shailesh Upreti



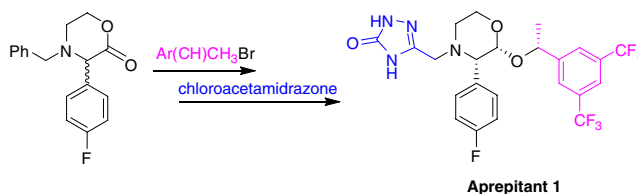
**The first syntheses of 3-bromofascaplysin, 10-bromofascaplysin and 3,10-dibromofascaplysin—marine alkaloids from *Fascaplysinopsis reticulata* and *Didemnum* sp. by application of a simple and effective approach to the pyrido[1,2-*a*:3,4-*b'*]diindole system** pp 7998–8000

Maxim E. Zhidkov, Olga V. Baranova, Nadezhda N. Balaneva, Sergey N. Fedorov, Oleg S. Radchenko\* and Sergey V. Dubovitskii



**A convergent approach to the synthesis of aprepitant: a potent human NK-1 receptor antagonist** pp 8001–8004

Chandrashekar R. Elati, Naveenkumar Kolla, Srinivas Gangula, Anitha Naredla, Pravinchandra J. Vankawala, Muttu L. Avinigiri, Subrahmanyeswararao Chalamala, Venkatraman Sundaram, Vijayavithal T. Mathad, Apurba Bhattacharya and Rakeshwar Bandichhor\*

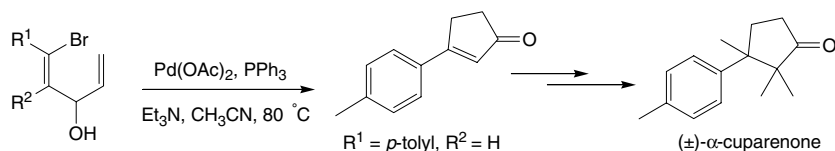


A convergent approach to enantiomerically pure aprepitant a potent orally active antagonist of the human neurokinin-1 (NK-1) receptor, is described.



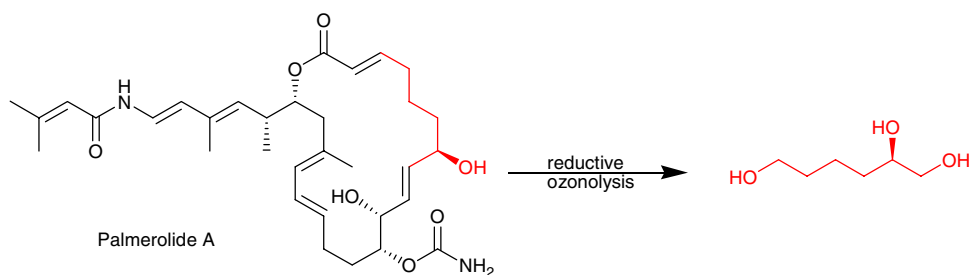
**Palladium-catalyzed intramolecular 5-endo-trig oxidative Heck cyclization: a facile pathway for the synthesis of some sesquiterpene precursors** pp 8005–8008

Devalina Ray, Sunanda Paul, Sulagna Brahma and Jayanta. K. Ray\*



**On the stereochemistry of palmerolide A** pp 8009–8010

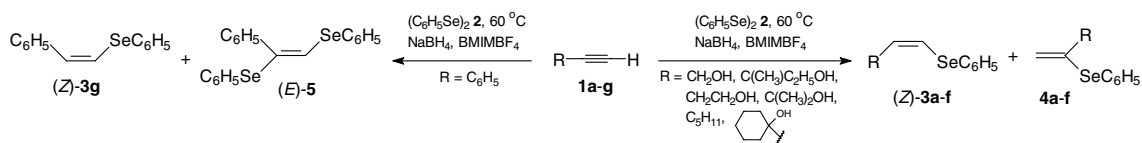
Matthew D. Lebar and Bill J. Baker\*



**Hydroselenation of alkynes using NaBH<sub>4</sub>/BMIMBF<sub>4</sub>: easy access to vinyl selenides**

pp 8011–8013

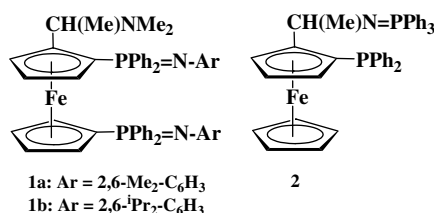
Eder J. Lenardão,\* Luiz G. Dutra, Maiara T. Saraiva, Raquel G. Jacob and Gelson Perin



**Highly enantioselective and cis-diastereoselective cyclopropanation of olefins catalyzed by ruthenium complexes of (iminophosphoranyl)ferrocenes**

pp 8014–8017

Vo D. M. Hoang, Pattubala A. N. Reddy and Tae-Jeong Kim\*

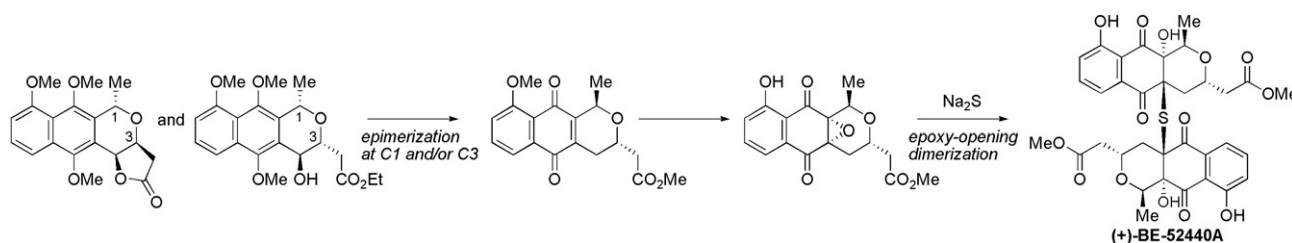


Chiral (iminophosphoranyl)ferrocenes are highly efficient ligands in ruthenium-catalyzed asymmetric cyclopropanation of olefins.

**The first total synthesis and structural determination of (+)-BE-52440A**

pp 8018–8021

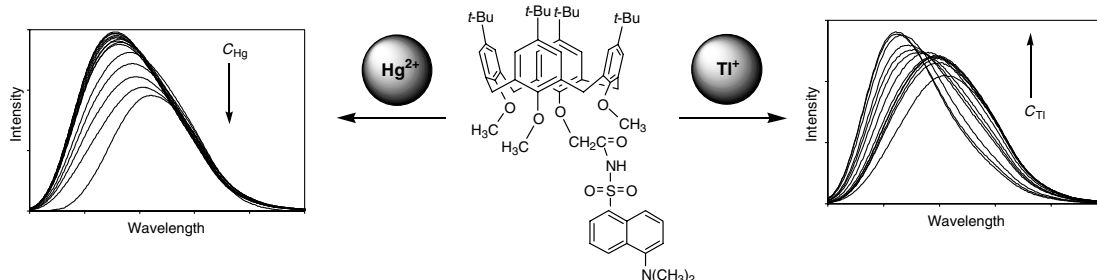
Kuniaki Tatsuta,\* Yoshikazu Suzuki, Tatsuya Toriumi, Yoshiaki Furuya and Seiji Hosokawa



**A new fluorogenic mono-ionizable calix[4]arene dansylcarboxamide as a selective chemosensor of soft metal ions, Tl<sup>+</sup> and Hg<sup>2+</sup>**

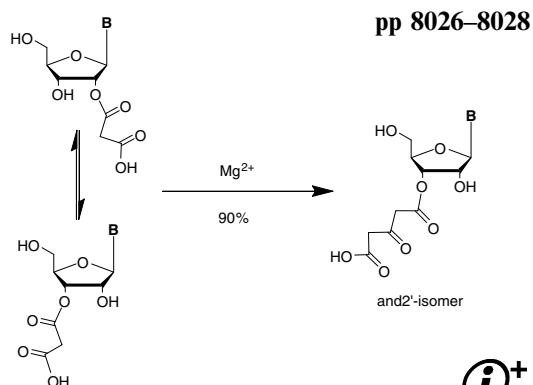
pp 8022–8025

Vladimir S. Talanov, Ebony D. Roper, Nicole M. Buie and Galina G. Talanova\*



**Biomimetic self-condensation of malonates mediated by nucleosides**

Qi Ji, Howard J. Williams,\* Charles A. Roessner and A. Ian Scott

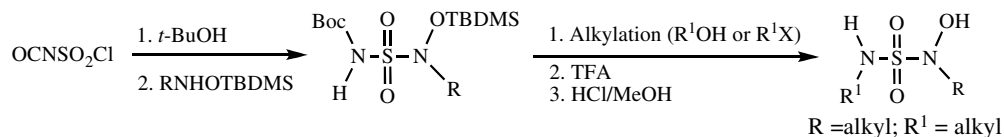


Nucleoside mediated Claisen condensation of malonates is reported.

**Synthetic methodology for the preparation of *N*-hydroxysulfamides**

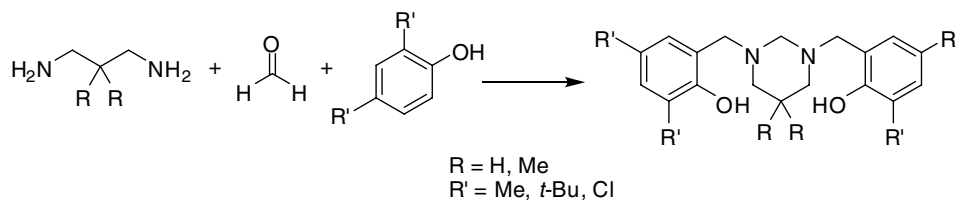
Krishnaswamy Devanathan, Jennifer A. Bell, Patricia C. Wilkins, Hollie K. Jacobs and Aravamudan S. Gopalan\*

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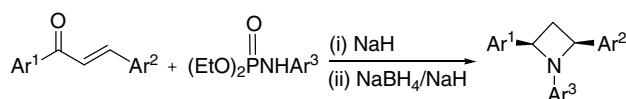
A general methodology for the synthesis of *N*-hydroxysulfamides that allows stepwise introduction of various alkyl groups with control on the sulfamide nitrogens is reported.**Phenol derivatized hexahydropyrimidines prepared from Mannich condensations**

Joshua R. Farrell,\* Jonathan Niconchuk, Christine S. Higham and Brittany W. Bergeron

pp 8034–8036

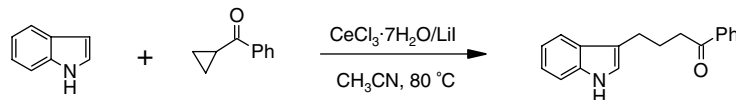
Mannich condensations are used to prepare *N*-substituted hexahydropyrimidines.**A convenient synthesis of 1,2,4-trisubstituted azetidines by reductive cyclization of aza-Michael adducts of chalcones**

Lal Dhar S. Yadav,\* Chhama Awasthi, Vijai K. Rai and Ankita Rai

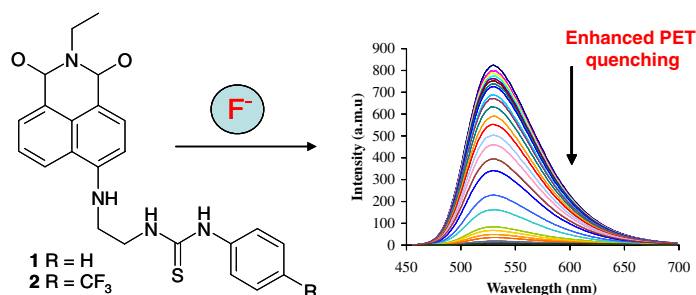




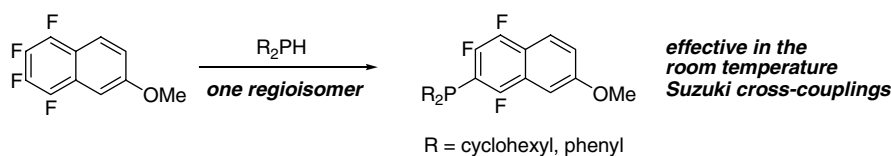
**The first example of the C-3 alkylation of indoles with cyclopropyl ketones promoted by CeCl<sub>3</sub>·7H<sub>2</sub>O/LiI** pp 8040–8042  
 J. S. Yadav,\* B. V. Subba Reddy, D. Chandrakanth and G. Satheesh



**Selective fluorescent PET sensing of fluoride (F<sup>-</sup>) using naphthalimide–thiourea and –urea conjugates** pp 8043–8047  
 Rebecca M. Duke and Thorfinnur Gunnlaugsson\*

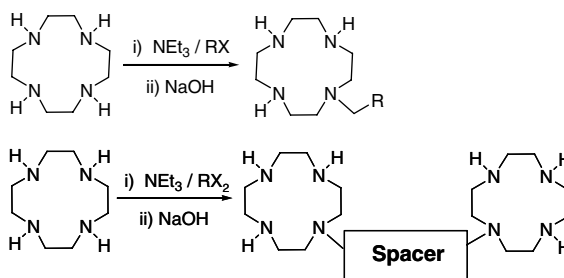


**Polyfluorinated phosphine ligands in the room temperature Suzuki cross-coupling reactions** pp 8048–8051  
 Shahla Yekta, Lawrence Cheung and Andrei K. Yudin\*



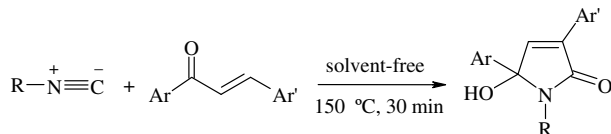
Polyfluorinated phosphine ligands can be obtained by regioselective nucleophilic aromatic substitution on tetrafluoronaphthalene derivatives. The ligand efficiency has been demonstrated in the room temperature Suzuki coupling reactions of aryl bromides and aryl boronic acids. The described process allows access to a new class of highly versatile fluorinated phosphine ligands.

**Selective mono N-alkylations of cyclen in one step syntheses** pp 8052–8055  
 Julien Massue, Sally E. Plush, Célia S. Bonnet, Doireann A. Moore and Thorfinnur Gunnlaugsson\*

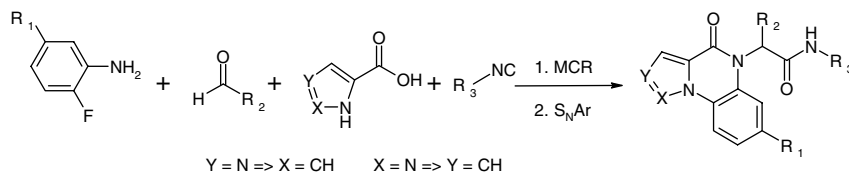


**Reaction between isocyanides and chalcones: an efficient solvent-free synthesis of 5-hydroxy-3,5-diaryl-1,5-dihydro-2H-pyrrol-2-ones** pp 8056–8059

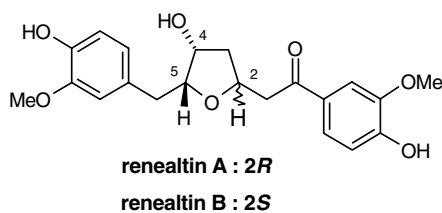
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**Combinatorial synthesis of 4-oxo-4H-imidazo[1,5-a]quinoxalines and 4-oxo-4H-pyrazolo[1,5-a]quinoxalines** pp 8060–8064

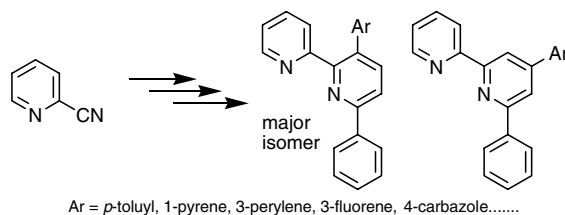
Julia H. Spatz,\* Michael Umkehrer, Cédric Kalinski, Günther Ross, Christoph Burdack, Jürgen Kolb and Thorsten Bach


**A short and efficient synthesis of renealtins A and B** pp 8065–8068

Gowravaram Sabitha,\* K. Yadagiri and J. S. Yadav


**Synthesis of 6-phenyl-2,2'-bipyridine ligands bearing polyaromatic substituents** pp 8069–8073

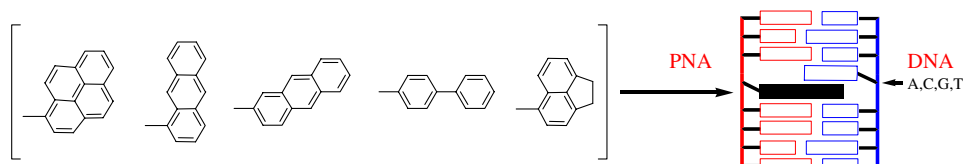
Stéphane Diring, Pascal Retailleau and Raymond Ziessel\*



**Polycyclic aromatic hydrocarbons as universal bases in peptide nucleic acid**

pp 8074–8077

Kathryn Frey MacKinnon, Dominic F. Qualley and Stephen A. Woski\*

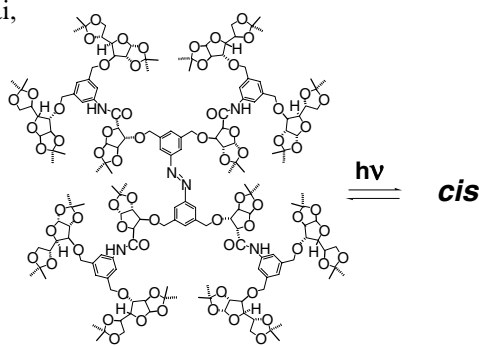


Polycyclic aromatic hydrocarbons possess favorable characteristics as universal bases in PNA·DNA double helices.

**Synthesis and trans–cis isomerization of azobenzene dendrimers incorporating 1,2-isopropylidene-furanose rings**

pp 8078–8082

Ankur Ray, Sudeshna Bhattacharya, Subir Ghorai, Tapan Ganguly and Anup Bhattacharjya\*

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\*Corresponding author

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