

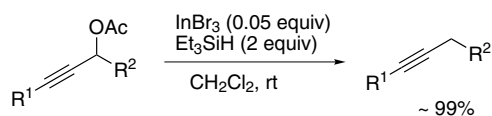
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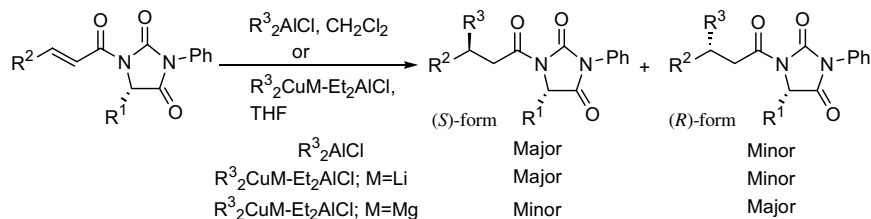
Norio Sakai,* Maki Hirasawa and Takeo Konakahara*



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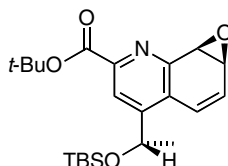
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Synthetic studies on thiostrepton family of peptide antibiotics: synthesis of the dihydroquinoline portion of thiostrepton, the siomycins, and the thiopeptins

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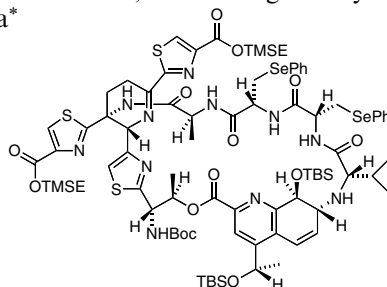
Tomonori Mori, Yukiko Satouchi, Hiraku Tohmiya, Shuhei Higashibayashi,
Kimiko Hashimoto* and Masaya Nakata*



Synthetic studies on thiostrepton family of peptide antibiotics: synthesis of the cyclic core portion containing the dehydropiperidine, dihydroquinoline, L-valine, and masked dehydroalanine segments

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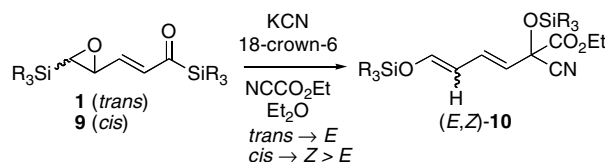
Tomonori Mori, Hiraku Tohmiya, Yukiko Satouchi, Shuhei Higashibayashi, Kimiko Hashimoto* and Masaya Nakata*



Reaction of δ -silyl- γ,δ -epoxy- α,β -unsaturated acylsilanes with cyanide ion: possibility of the formation of silicate intermediate in anion-induced ring opening of epoxysilanes

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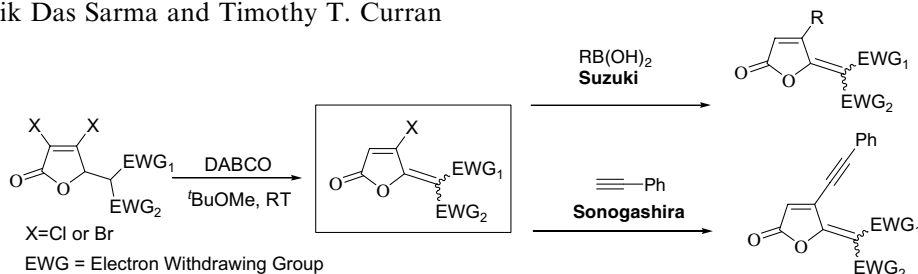
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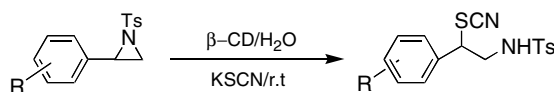
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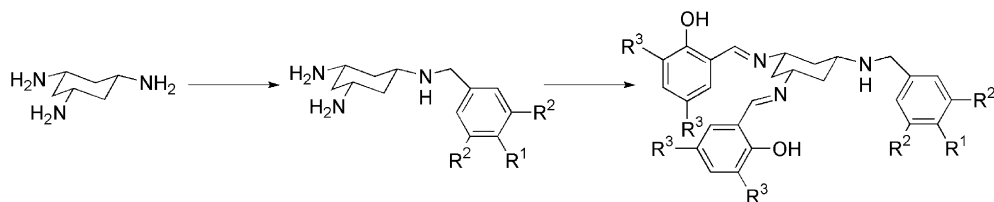
M. Somi Reddy, M. Narender, Y. V. D. Nageswar and K. Rama Rao*



Mono-benzyl substituted *cis,cis*-1,3,5-triaminocyclohexanes

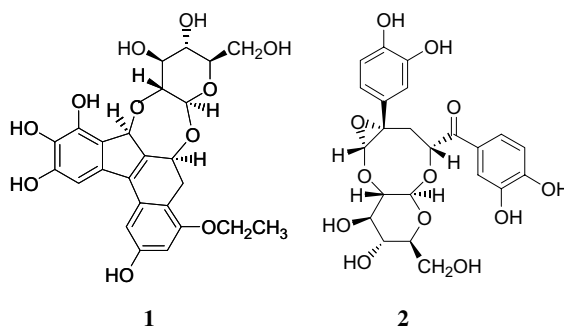
pp 6441–6443

Stephen J. Archibald, Alison K. Nairn, Phillipa Timmins and Paul H. Walton*

A general route is reported for the preparation of monoamine-diimine-derivatives of *cis,cis*-1,3,5-triaminocyclohexane.**Two novel glucosyl-fused compounds from *Curculigo crassifolia* (Hypoxidaceae)**

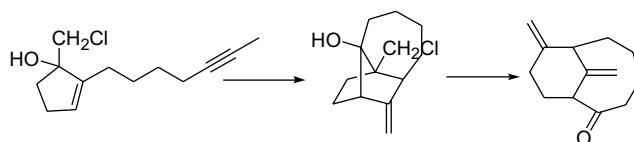
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Ning Li, Kai-Jin Wang, Ji-Jun Chen and Jun Zhou*

**Efficient synthesis of 8,11-dimethylene-bicyclo[5.3.1]undecan-2-one**

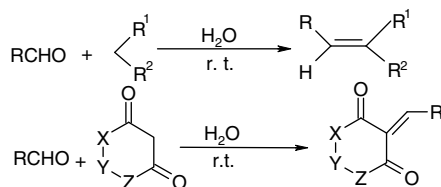
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Haining Gu,* Wei Ming Xu and Thomas H. Kinstle*

**Uncatalysed Knoevenagel condensation in aqueous medium at room temperature**

pp 6453–6456

Mohit L. Deb and Pulak J. Bhuyan*

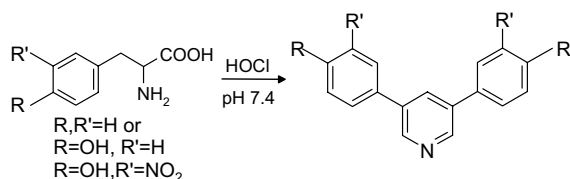


Knoevenagel condensation of various aromatic and heteroaromatic aldehydes with active methylene compounds like malononitrile, ethyl cyanoacetamide, ethyl cyanoacetate, barbituric acids, Meldrum's acid, dimedone and pyrazolone proceeds smoothly with stirring in aqueous medium. The reactions occur at room temperature giving excellent yields of the products. The work-up procedure is very simple and the products do not require further purification.

Remarkable Chichibabin-type cyclotrimerisation of 3-nitrotyrosine, tyrosine and phenylalanine to 3,5-diphenylpyridine derivatives induced by hypochlorous acid

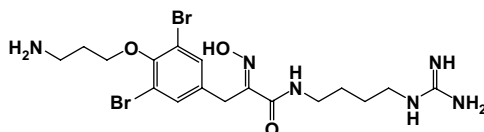
pp 6457–6460

L. Panzella, P. Di Donato, S. Comes, A. Napolitano, A. Palumbo and M. d'Ischia*


An expeditious convergent synthesis of a dibromotyrosine alkaloid inhibitor of mycothiol-*S*-conjugate amidase

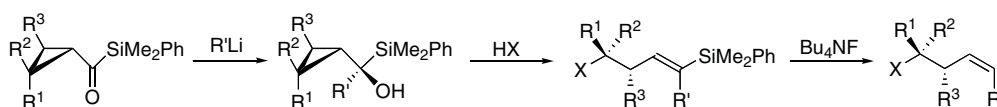
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Bhanu M. Chanda* and Rohidas S. Sulake


Stereoselective acid-catalyzed homoallylic rearrangement of cyclopropylsilyl methanols: an efficient route to *Z*-homoallyl derivatives

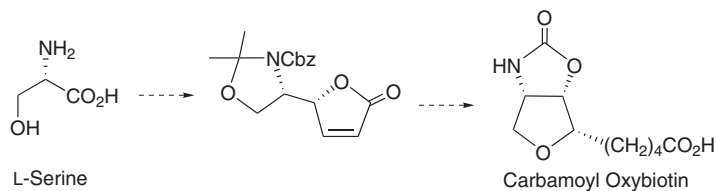
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Mitsunori Honda,* Yuichi Yamamoto, Hideki Tsuchida, Masahito Segi and Tadashi Nakajima


Stereoselective synthesis of a novel carbamoyl oxybiotin

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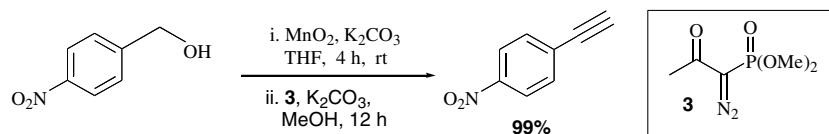
Christina S. Stauffer and Apurba Datta*



One-pot conversion of activated alcohols into terminal alkynes using manganese dioxide in combination with the Bestmann–Ohira reagent

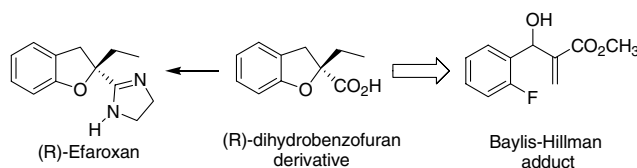
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Ernesto Quesada and Richard J. K. Taylor*

**Enantioselective synthesis of 2-ethyl-2,3-dihydrobenzofuran carboxylic acid, direct precursor of (+)-efaroxan, from a Baylis–Hillman adduct**

pp 6477–6481

Gabriel P. de Carvalho e Silveira and Fernando Coelho*

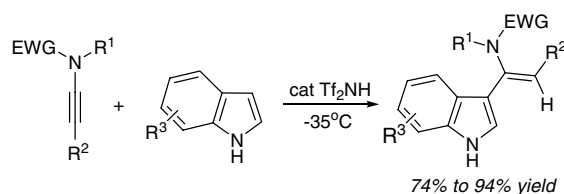


A new approach for the asymmetric synthesis of a dihydrobenzofuran derivative, used as key intermediate for the synthesis of the drug (+)-efaroxan, is described.

Syntheses of vinylindoles via a Brønsted acid catalyzed highly regio- and stereoselective *cis*-hydroarylation of ynamides

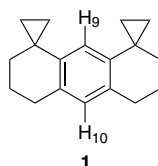
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Yanshi Zhang

**A hydrogen atom sandwiched by cyclopropanes**

pp 6487–6489

Robert S. Walters, Douglas M. Ho and Robert A. Pascal, Jr.*

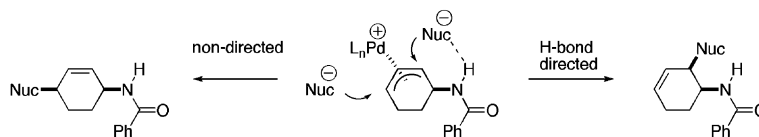


Compound **1** was synthesized in four steps from 1,3-dibromobenzene. The X-ray crystal structure of **1** shows that H₉ is located approximately 2.6 Å from the centroids of each of the flanking cyclopropane rings, and its proton NMR resonance falls 0.84 ppm upfield from the resonance of the otherwise chemically similar H₁₀.

Hydrogen-bond directed palladium-catalyzed allylic substitution of cyclic substrates

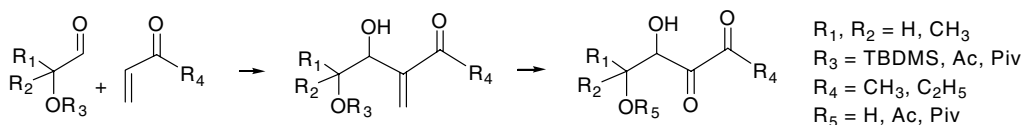
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Gregory R. Cook* and Manjusha Saraswathamma

**A Baylis–Hillman/ozonolysis route towards (±) 4,5-dihydroxy-2,3-pentanedione (DPD) and analogues**

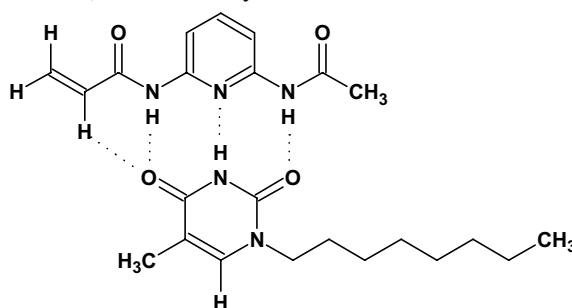
pp 6495–6498

Marine Frezza, Laurent Soulère, Yves Queneau and Alain Doutheau*

**Weak C–H···O hydrogen bonds between diacylamidopyridine and thymine derivatives in solution and its influence on the binding constants**

pp 6499–6502

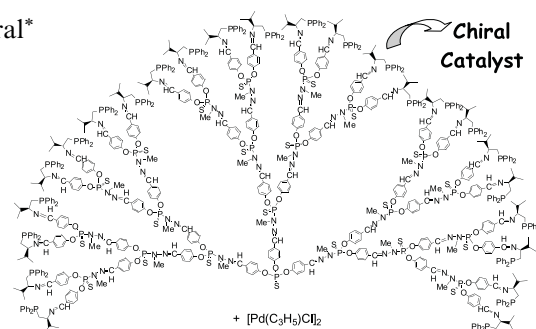
Zhao Li, Jianfu Ding,* Gilles Robertson, Michael Day and Ye Tao

**A third generation chiral phosphorus-containing dendrimer as ligand in Pd-catalyzed asymmetric allylic alkylation**

pp 6503–6506

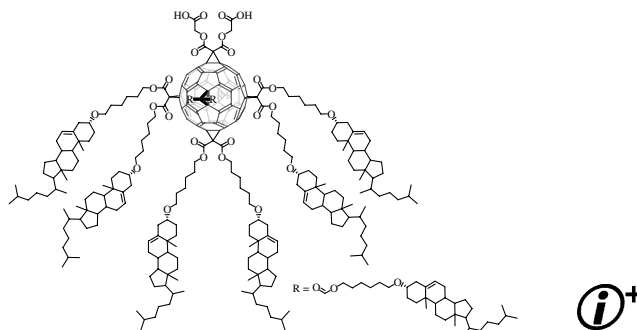
Régis Laurent, Anne-Marie Caminade* and Jean-Pierre Majoral*

In situ complexation of a dendrimer possessing 24 chiral iminophosphine end groups affords a [Pd]-catalyst usable for asymmetric allylic alkylations. This dendritic catalyst gives very good ee and can be easily recovered and reused twice with almost the same efficiency.



pp 6507–6510

A new amphiphilic hexasubstituted [60]fullerene bearing 10 cholesterol units has the prerequisite qualities for its incorporation into the cellular membranes of living organisms.



pp 6511–6514

CC1(C)OC2C(C1)O[C@H](C3C[C@H](O)[C@H](CO)N3C4=CC=C5C(=C4)OC(=O)N5C6=CC=C(C=C6)F)C2

pp 6515–6518

COc1ccc(cc1)Oc2ccc(cc2)S(=O)(=O)CC(C(F)(F)F)C(=O)NO

pp 6519–6524

Pabiel Meléndez and Miguel Yus*

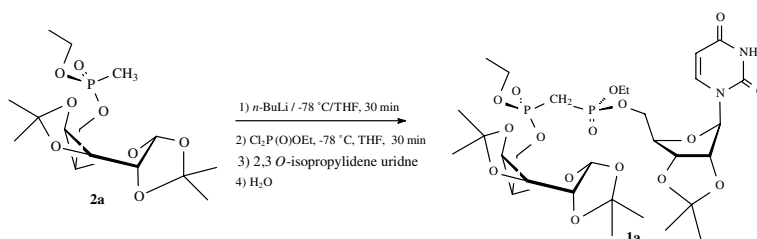
 i, Li, DTBB (cat.), R₂CO, THF; ii, H₂O; iii, BH₃·THF;
 iv, R₂CO, THF; v, R₂CO, THF; vi, R₂CO, THF

i, Li, DTBB (cat.), R₂CO, THF; ii, H₂O; iii, BH₃·THF;
iv, H₂O₂, 3M NaOH; v, PCC, CH₂Cl₂; vi, I₂, AgOTf, Na₂CO₃, THF.

One-pot carbanionic access to methylenebis(phosphonate) analogues of natural P¹,P²-glycosyl-disubstituted pyrophosphates

pp 6525–6528

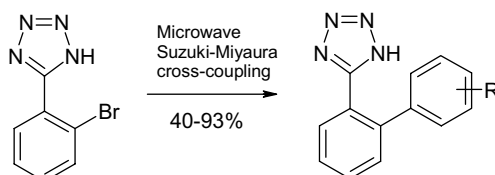
Claude Grison,* Christophe Letondor, Hicham Chibli and Philippe Coutrot



Efficient, protection-free Suzuki–Miyaura synthesis of *ortho*-biphenyltetrazoles

pp 6529–6532

Nicolas Cousaert, Patrick Toto, Nicolas Willand* and Benoît Deprez



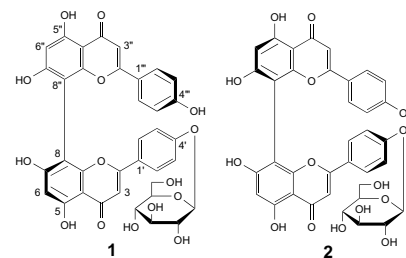
We describe an efficient protocol for the Suzuki–Miyaura synthesis of *ortho*-biphenyltetrazoles from non-protected 2-bromophenyltetrazole and arylboronic acids.

A pair of new atropisomeric cupressuflavone glucosides isolated from *Juniperus communis* var. *depressa*

pp 6533–6535

Yuka Inatomi, Naoki Iida, Hiroko Murata, Akira Inada, Jin Murata, Frank A. Lang, Munekazu Iinuma, Toshiyuki Tanaka and Tsutomu Nakanishi*

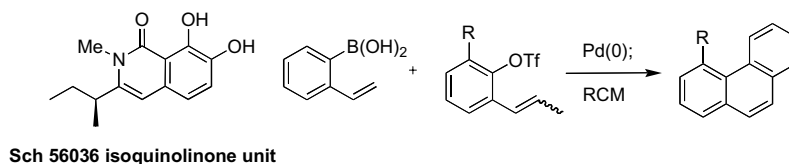
A pair of new atropisomers, (*M*)- and (*P*)-cupressuflavone 4'-*O*-β-D-glucoside were isolated from *Juniperus Communis* var. *depressa*. Absolute structures and axial configurations were determined using 2D NMR and circular dichroism.



Studies towards the total synthesis of Sch 56036; isoquinolinone synthesis and the synthesis of phenanthrenes

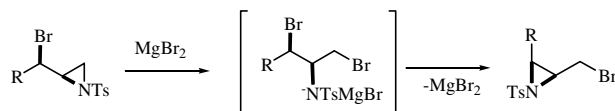
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Edward R. Walker, Shing Y. Leung and Anthony G. M. Barrett*

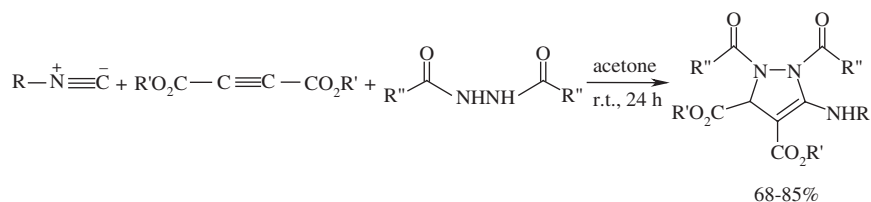


The isoquinolinone hemisphere of Sch 56036 has been prepared using a modified Pomeranz–Fritsch reaction and the synthesis of the phenanthrene core has been modelled via a Suzuki coupling and subsequent ring closing metathesis.

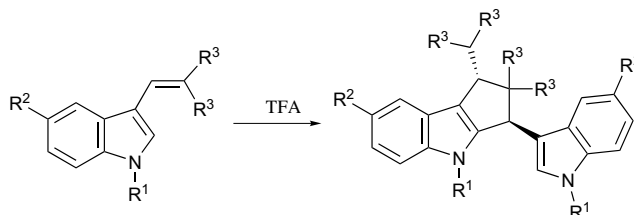
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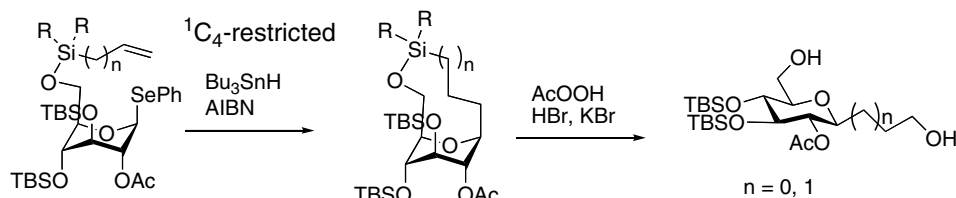
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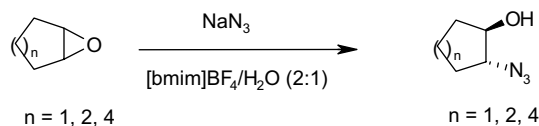


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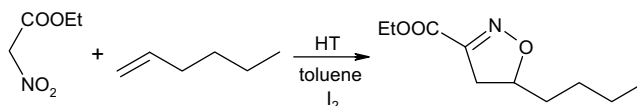


Ionic liquids/H₂O systems for the reaction of epoxides with NaN₃: a new protocol for the synthesis of 2-azidoalcohols pp 6559–6562

J. S. Yadav,* B. V. S. Reddy, B. Jyothirmai and M. S. R. Murty


Solid base-catalyzed synthesis of 5-substituted 4,5-dihydroisoxazoles pp 6563–6566

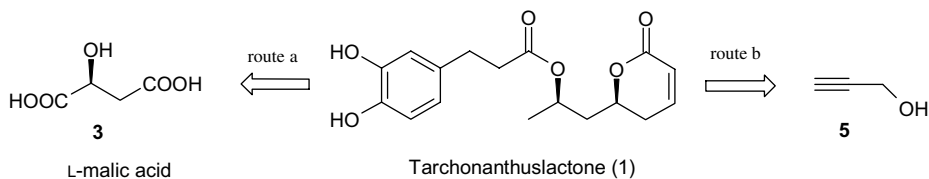
Agnieszka Cwik, Zoltán Hell,* Aliz Fuchs and Dóra Halmai



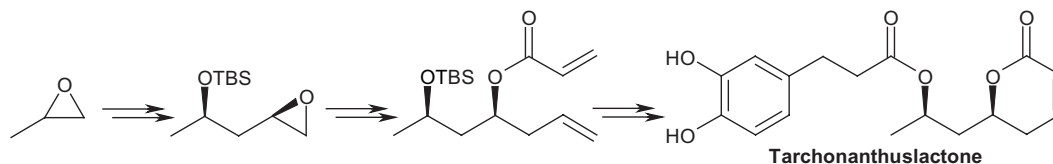
A new, synthetic method for the preparation of 5-substituted 4,5-dihydroisoxazoles starting from ethyl nitroacetate and alkenes in the presence of hydrotalcite is described.

Chelation-controlled reduction: an enantioselective synthesis of (–)-tarchonanthuslactone pp 6567–6570

Gowravaram Sabitha,* K. Sudhakar, N. Mallikarjuna Reddy, M. Rajkumar and J. S. Yadav


Enantioselective synthesis of tarchonanthuslactone via iterative hydrolytic kinetic resolution pp 6571–6573

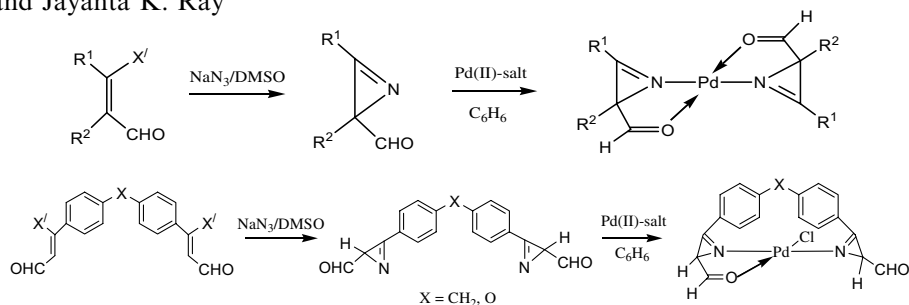
Priti Gupta, S. Vasudeva Naidu and Pradeep Kumar*



A simple approach to azirines containing an aldehyde functionality and their stabilization as palladium(II) complexes

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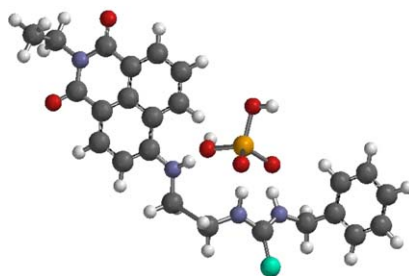
Sulagna Brahma and Jayanta K. Ray*



4-Amino-1,8-naphthalimide-based anion receptors: employing the naphthalimide N–H moiety in the cooperative binding of dihydrogenphosphate

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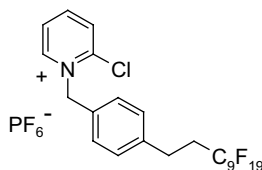
Frederick M. Pfeffer,* Alisha M. Buschgens, Neil W. Barnett, Thorfinnur Gunnlaugsson and Paul E. Kruger



Fluorous 2-chloropyridinium salt (Mukaiyama condensation reagent) for amide formation reactions

pp 6585–6588

Tadamichi Nagashima,* Yimin Lu, Michael J. Petro and Wei Zhang



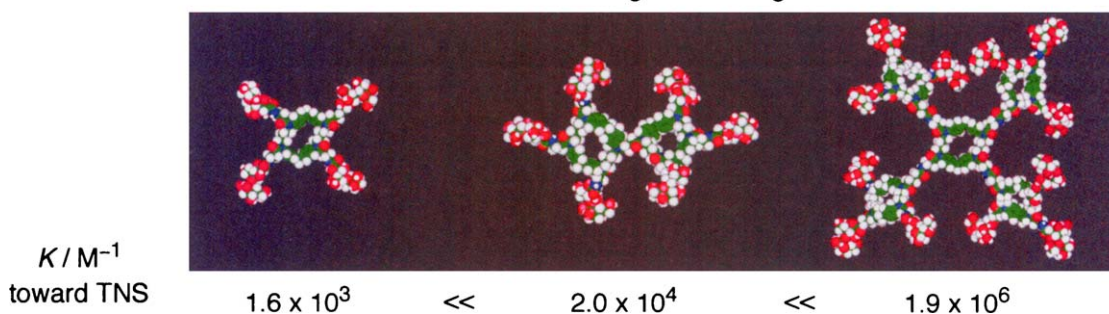
A new fluorous 2-chloropyridinium salt was prepared, and was applied in amide formation reactions.

Synthesis and guest-binding study of polytopic multi(cyclophane) hosts

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Osamu Hayashida,* Yousuke Takaoka and Itaru Hamachi

Distinct multivalent effects on guest binding in water




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*Corresponding author

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