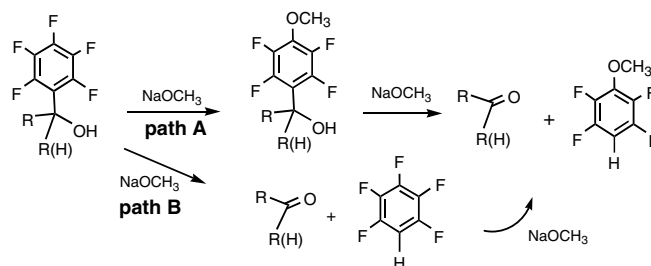


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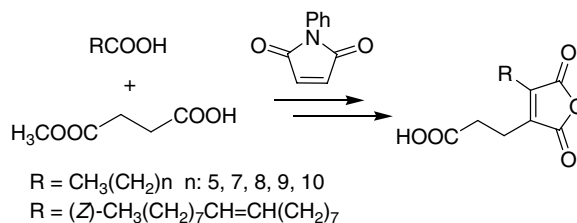
The fragmentation of polyfluorinated benzylic alcohols: the first observation of pentafluorophenyl anion as a good leaving group pp 7405–7407

Charles M. Garner* and Henry C. Fisher



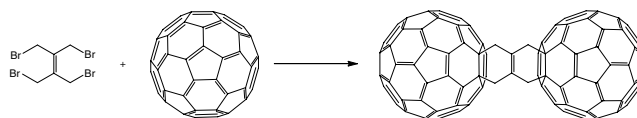
An expeditious synthesis of natural and unnatural disubstituted maleic anhydrides pp 7409–7411

Mickaël Denancé, Estelle Banaszak and Mohammad Samadi*



Synthesis of a short-chain fullerene dimer pp 7413–7415

Timothy J. Hingston, Mark R. Sambrook,* Kyriakos Porfyrakis and G. Andrew D. Briggs

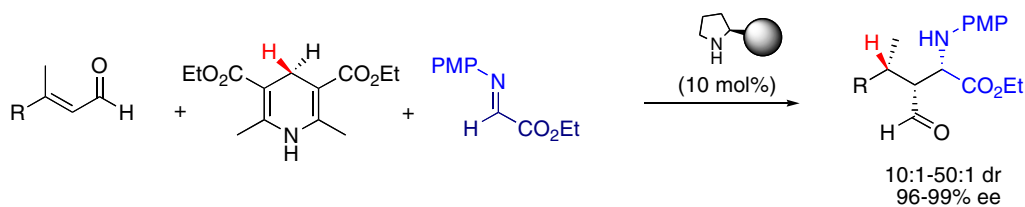


The synthesis of a short-chain fullerene dimer via bifunctional cycloaddition is demonstrated. A mono-functionalised C₆₀ species is isolated, and has the potential for further organic functionalisation.

Direct organocatalytic asymmetric reductive Mannich-type reactions

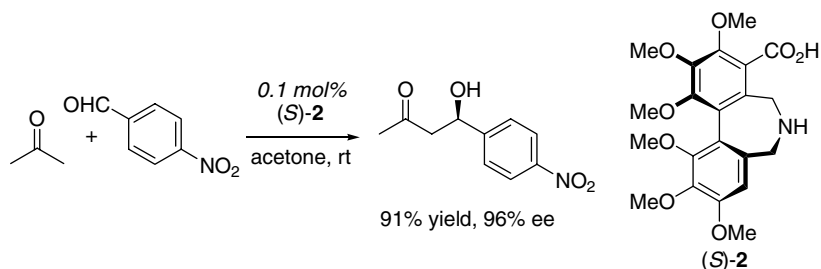
pp 7417–7421

Gui-Ling Zhao and Armando Córdoba*

**Synthesis of a biphenyl-based axially chiral amino acid as a highly efficient catalyst for the direct asymmetric aldol reaction**

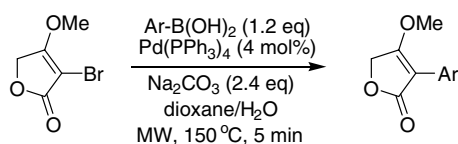
pp 7423–7426

Taichi Kano, Osamu Tokuda and Keiji Maruoka*

**An efficient procedure for the synthesis of 3-aryl-4-methoxy-2(5H)-furanones by using the microwave-promoted Suzuki–Miyaura coupling reactions**

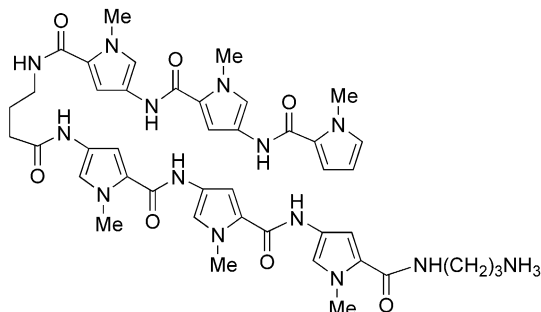
pp 7427–7430

Young Seob Song, Yun-Jeong Lee, Bum Tae Kim and Jung-Nyoung Heo*

**Fluorous synthesis of minor groove binding agents related to distamycin**

pp 7431–7434

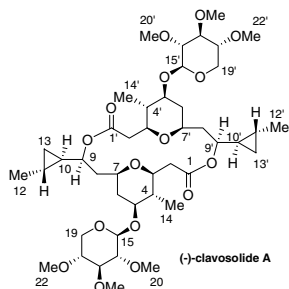
Sreeman K. Mamidyala and Steven M. Firestine*



Total synthesis of (–)-clavosolide A

pp 7435–7438

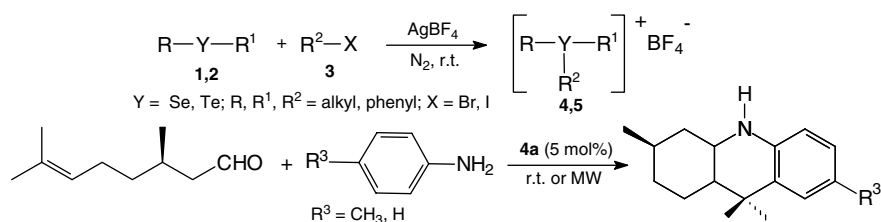
Tushar Kanti Chakraborty,* Vakiti Ramkrishna Reddy and Amit Kumar Chattopadhyay



Selenium- and tellurium-based ionic liquids and their use in the synthesis of octahydroacridines

pp 7439–7442

Eder J. Lenardão,* Samuel R. Mendes, Patrícia C. Ferreira, Gelson Perin, Claudio C. Silveira and Raquel G. Jacob

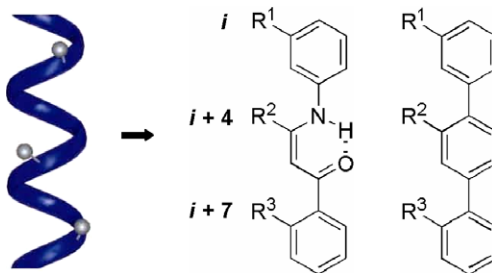


Intramolecular hydrogen bonding allows simple enaminones to structurally mimic the *i, i + 4*, and *i + 7* residues of an α -helix

pp 7443–7446

Johanna M. Rodriguez and Andrew D. Hamilton*

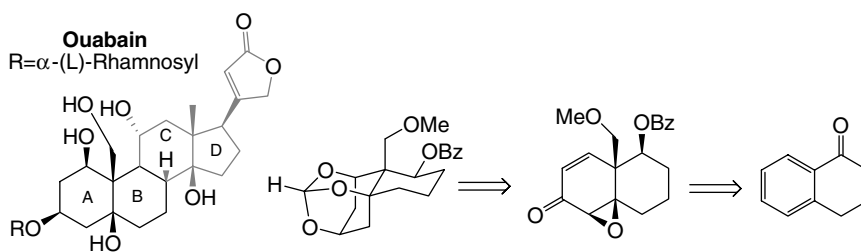
An intramolecularly hydrogen bonded enaminone scaffold was designed and synthesized in order to mimic the *i, i + 4*, and *i + 7* residues of an α -helix. The conformationally rigid vinylogous amide group serves as an aromatic ring isostere and allows the positioning and angular projection of the R-groups in a manner similar to an α -helix.



An efficient approach toward the synthesis of the A/B rings of ouabain

pp 7447–7449

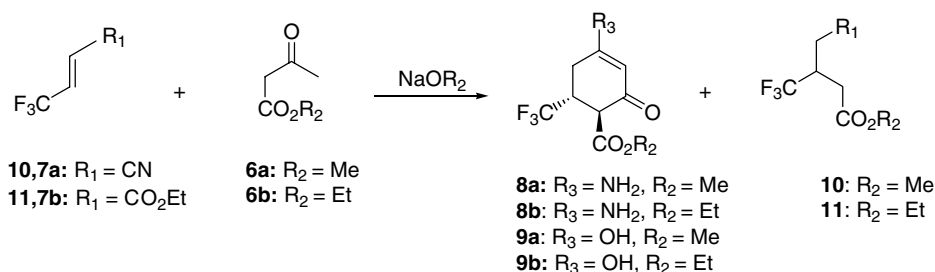
María Fernanda Plano, Guillermo R. Labadie, Manuel Gonzalez Sierra and Raquel M. Cravero*



Synthesis of fluorinated cyclic *s-trans* vinylogous acid and amide ester derivatives

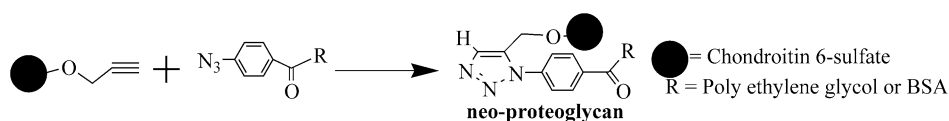
pp 7451–7454

Cosmas O. Okoro,* Olugbeminiyi O. Fadeyi, Patrice L. Jackson, Rhonda L. Richmond and Takeisha Farmer


Efficient and widely applicable method of constructing neo-proteoglycan utilizing copper(I) catalyzed 1,3-dipolar cycloaddition

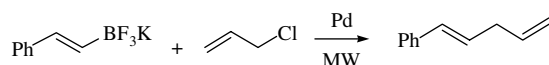
pp 7455–7458

Masanori Yamaguchi,* Kaoru Kojima, Naohiro Hayashi, Ikuko Kakizaki, Atsushi Kon and Keiichi Takagaki


Microwave-enhanced cross-coupling of allyl chlorides with vinyltrifluoroborates

pp 7459–7461

George W. Kabalka,* Eric Dadush and Mohammad Al-Masum



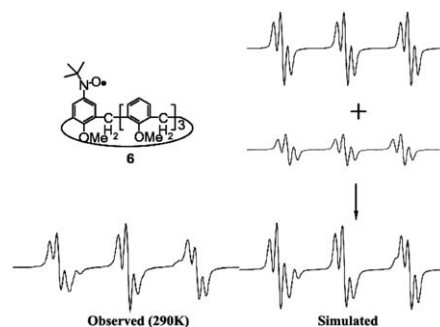
The allylation of potassium alkenyltrifluoroborates with allyl chloride via a palladium catalyzed cross-coupling reaction occurs rapidly under microwave irradiation. The allylation reaction produces 1,4-pentadienes in high yields.

Synthesis and ESR behaviors of nitroxide monoradical based on calix[4]arene

pp 7463–7465

Xiaojun Hu, Yong Li,* Haijun Yang and Yanghe Luo

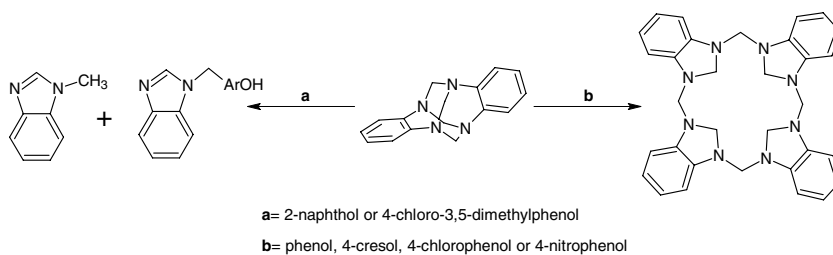
A novel paramagnetic calix[4]arene **6** with an N–O monoradical on the upper rim was synthesized and studied by ESR spectroscopy. Its ESR behaviors were mainly induced by its intrinsic conformational flexibility. The effects of varying temperature and complexation of silver ions on its ESR behaviors were also investigated.



Unexpected behavior of 6*H*,13*H*-5:12,7:14-dimethanedibenzo[*d*,*i*][1,3,6,8]tetraazecine (DMDBTa) toward phenols

pp 7467–7471

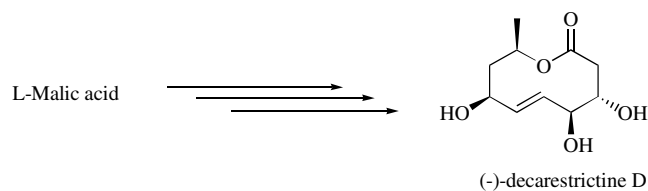
Augusto Rivera* and Mauricio Maldonado



Stereoselective total synthesis of (–)-decarestrictine D from L-malic acid

pp 7473–7476

Palakodety Radha Krishna* and P. V. Narasimha Reddy

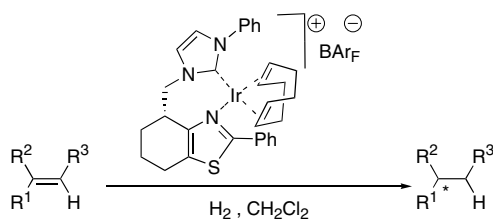


A convergent stereoselective total synthesis of (–)-decarestrictine D from L-malic acid is reported.

Asymmetric hydrogenation of tri-substituted alkenes with Ir-NHC-thiazole complexes

pp 7477–7480

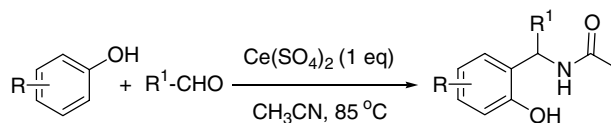
Klas Källström and Pher G. Andersson*



A new synthesis of acetamido phenols promoted by Ce(SO₄)₂

pp 7481–7483

Nagarajan Panneer Selvam and Paramasivan T. Perumal*



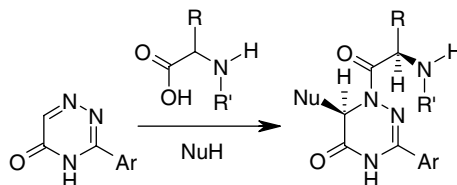
A new method for the synthesis of acetamido phenols by a one-pot, three-component Ritter type reaction in moderate to good yields is described. Both electron donating and electron releasing substitution on aromatic rings are tolerated.



Asymmetric induction in the reactions of 3-aryl-1,2,4-triazin-5(4*H*)-ones with C-nucleophiles

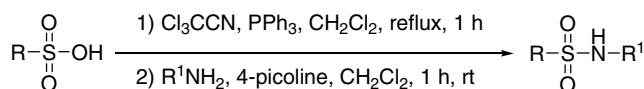
pp 7485–7487

Ilya N. Egorov,* Grigory V. Zyryanov, Eugeny N. Ulomsky, Vladimir L. Rusinov and Oleg N. Chupakhin

**A practical and efficient method for the preparation of sulfonamides utilizing Cl₃CCN/PPh₃**

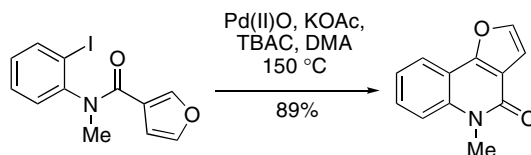
pp 7489–7492

Oraphin Chantarasriwong, Doo Ok Jang* and Warinthorn Chavasiri*

**Synthesis of 5-methylfuro[3,2-*c*]quinolin-4(5*H*)-one via palladium-catalysed cyclisation of *N*-(2-iodophenyl)-*N*-methyl-3-furamide**

pp 7493–7495

Karl-Fredrik Lindahl, Anthony Carroll, Ronald J. Quinn and Justin A. Ripper*

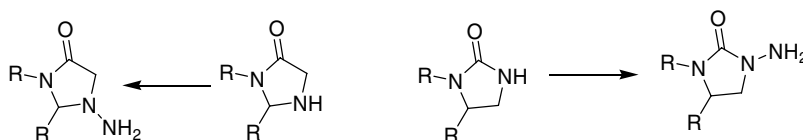


A new method for the synthesis of 5-methylfuro[3,2-*c*]quinolin-4(5*H*)-one has been developed and the palladium-catalysed cyclisation step has been shown to give the best yields when palladium oxide was used as the catalyst.

Synthesis of 1-aminoimidazolidin-4-one and 1-aminoimidazolidin-2-one based compounds: an interesting divergence in methodology

pp 7497–7499

Benjamin E. Blass,* Keith Coburn, Neil Fairweather, Andrew Fluxe, Steve Hodson, Chris Jackson, John Janusz, Wenlin Lee, Jim Ridgeway, Ron White and Shengde Wu

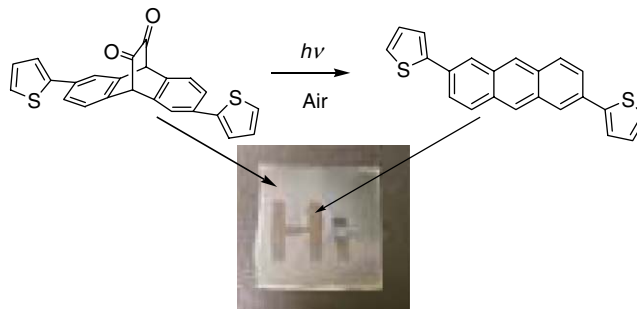


Effective photochemical synthesis of an air-stable anthracene-based organic semiconductor from its diketone precursor

pp 7501–7504

Hiroko Yamada,* Emi Kawamura, Sadaaki Sakamoto, Yuko Yamashita, Tetsuo Okujima, Hidemitsu Uno and Noboru Ono*

A diketone precursor of air-stable bis-2-thienyl-2,6-anthracene was quantitatively converted to the target semiconducting acene by photoirradiation both in solution and as a film, in air.



*Corresponding author

①⁺ Supplementary data available via ScienceDirectAvailable online at www.sciencedirect.com

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