



Tetrahedron Vol. 64, No. 44, 2008

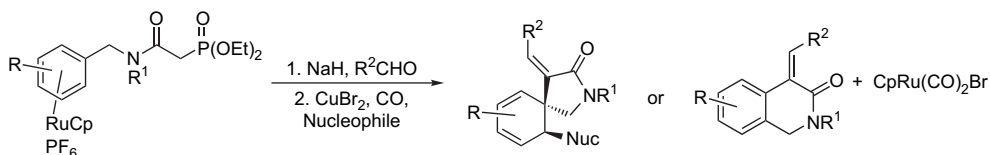
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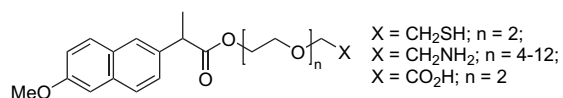
F. Christopher Pigge*, Rashmi Dalvi



Synthesis of functionalised polyethylene glycol derivatives of naproxen for biomedical applications

pp 10132–10139

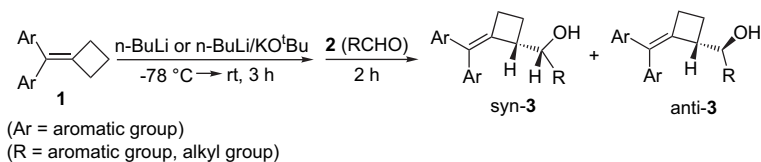
Maciej J. Stefanko, Yurii K. Gun'ko, Dilip K. Rai, Paul Evans*



Allylic lithiation of methylenecyclobutanes

pp 10140–10147

Min Jiang, Min Shi*

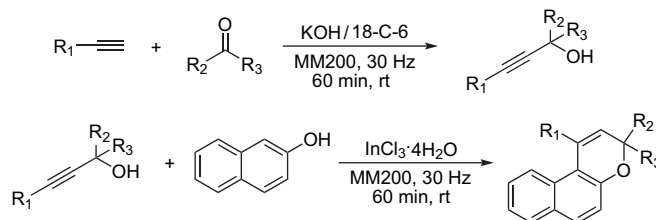


Methylenecyclobutanes undergo a lithiation reaction in the presence of *n*-BuLi or *n*-BuLi/KO^tBu from $-78\text{ }^{\circ}\text{C}$ to room temperature or to $40\text{ }^{\circ}\text{C}$ in THF within 3 h and then quenching with a variety of electrophiles to give the corresponding addition products (alcohols) in moderate to good yields within 2 h.

**Solvent-free synthesis of naphthopyrans under ball-milling conditions**

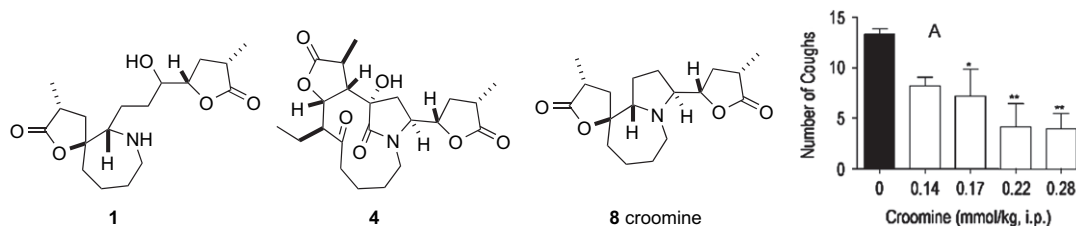
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Ya-Wei Dong, Guan-Wu Wang*, Lei Wang*

**Croomine- and tuberostemonine-type alkaloids from roots of *Stemona tuberosa* and their antitussive activity**

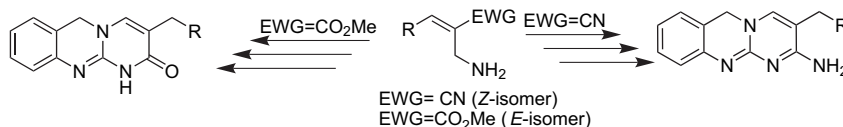
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Li-Gen Lin, Henry Pak-Ho Leung, Jian-Yu Zhu, Chun-Ping Tang, Chang-Qiang Ke, John A. Rudd, Ge Lin*, Yang Ye*

**A facile route to the synthesis of pyrimido[2,1-*b*]quinazoline core from the primary allyl amines afforded from Baylis–Hillman adducts**

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Somnath Nag, Amita Mishra, Sanjay Batra*

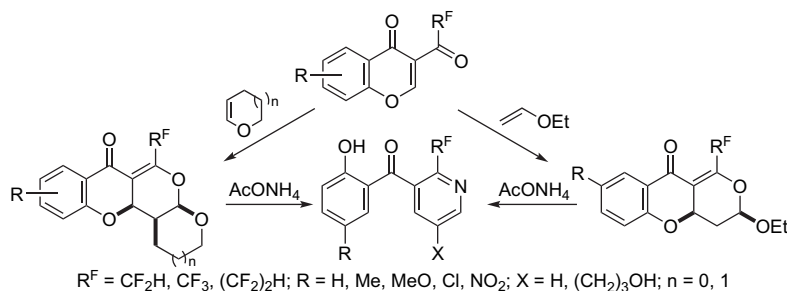


Stereoselective hetero-Diels–Alder reaction of 3-(polyfluoroacyl)chromones with enol ethers.

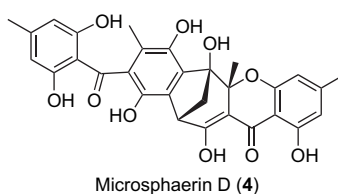
pp 10172–10180

Novel synthesis of 2-R^F-containing nicotinic acid derivatives

Vyacheslav Ya. Sosnovskikh*, Igor A. Khalymbadza, Roman A. Irgashev, Pavel A. Slepukhin

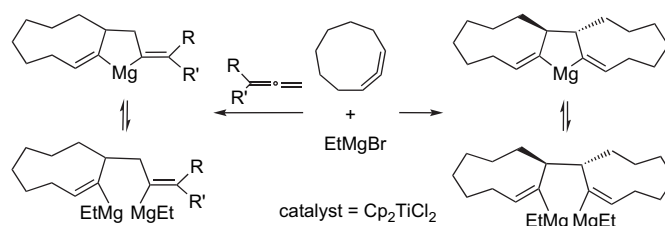
**Microsphaerins A–D, four novel benzophenone dimers with activity against MRSA from the fungus *Microsphaeropsis* sp.** pp 10181–10187

K. Yoganathan, Shugeng Cao, Sharon C. Crasta, Srinivasulu Aitipamula, Stephen R. Whitton, Siewbee Ng, Antony D. Buss, Mark S. Butler*

**Novel Mg-organic reagents in organic synthesis. Cp₂TiCl₂ catalyzed intermolecular cyclomagnesiation of cyclic and acyclic 1,2-dienes using Grignard reagents**

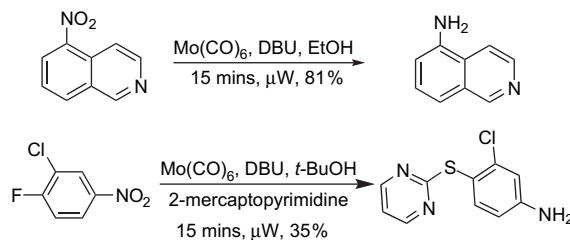
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Vladimir A. D'yakov*, Aleksey A. Makarov, Askhat G. Ibragimov, Leonard M. Khalilov, Usein M. Dzhemilev

**Microwave mediated reduction of heterocycle and fluorine containing nitroaromatics with Mo(CO)₆ and DBU**

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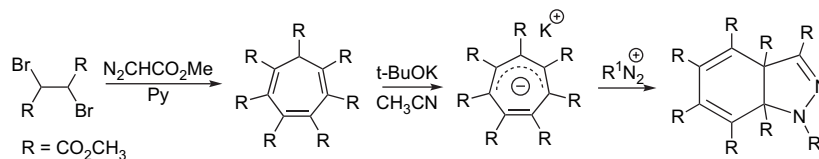
John Spencer*, Rajendra P. Rathnam, Hiren Patel, Nazira Anjum



Synthesis and properties of stable 1,2,3,4,5,6,7-heptamethoxycarbonylcyclohepta-2,4,6-trien-1-yl potassium and its reactions with electrophilic reagents

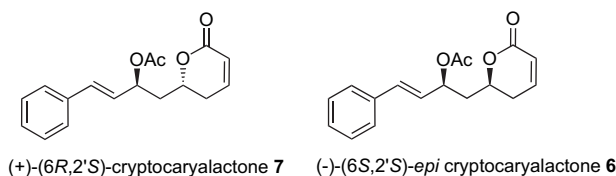
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Yury V. Tomilov*, Dmitry N. Platonov, Rinat F. Salikov, Galina P. Okonnishnikova


Stereoselective total synthesis of (+)-(6*R*,2'*S*)-cryptocaryalactone and (-)-(6*S*,2'*S*)-*epi* cryptocaryalactone

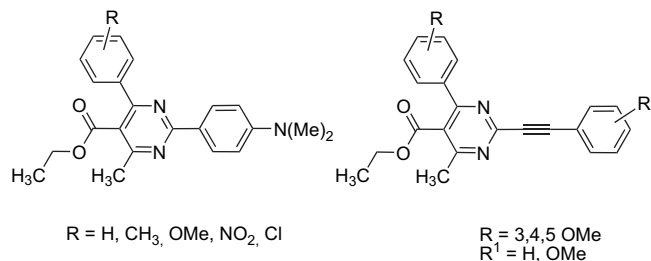
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Gowravaram Sabitha*, V. Bhaskar, S. Siva Sankara Reddy, J.S. Yadav


Efficient synthesis of antifungal pyrimidines via palladium catalyzed Suzuki/Sonogashira cross-coupling reaction from Biginelli 3,4-dihydropyrimidin-2(1*H*)-ones

pp 10214–10223

Atul R. Gholap, Kiran S. Toti, Fazal Shirazi, Mukund V. Deshpande, Kumar V. Srinivasan*

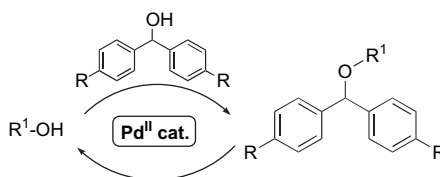


Various functionalized pyrimidine have been synthesized from Biginelli 3,4-dihydropyrimidin-2(1*H*)-ones by the sequence of oxidation, chlorination, and palladium catalyzed Suzuki/Sonogashira reaction and screened for their antibacterial and antifungal activities.


Diarylmethyl ethers and Pd salts or complexes: a perfect combination for the protection and deprotection of alcohols

pp 10224–10232

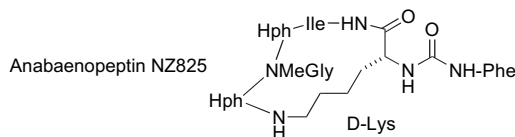
Yann Bikard, Roufia Mezaache, Jean-Marc Weibel, Abdelhamid Benkouider, Claude Sirlin, Patrick Pale*



Three novel anabaenopeptins from the cyanobacterium *Anabaena* sp.

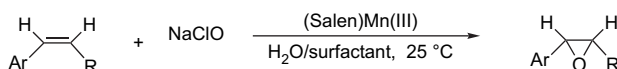
Olga Grach-Pogrebinsky, Shmuel Carmeli*

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**Enantioselective epoxidations of alkenes catalyzed by (salen)Mn(III) in aqueous surfactant systems**

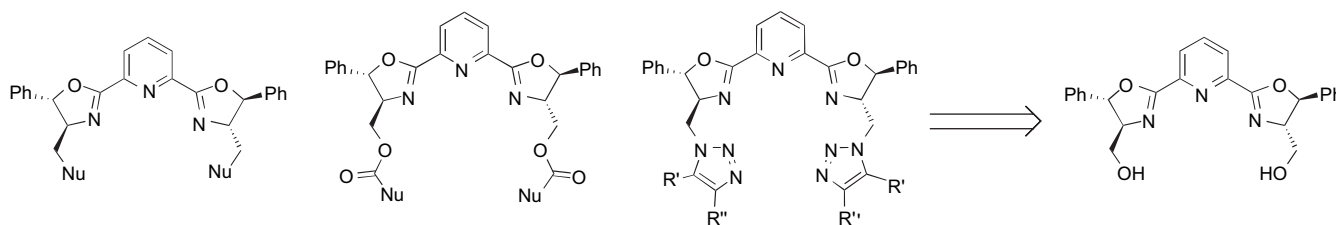
Francesco P. Ballistreri, Lucia Brinchi, Raimondo Germani, Gianfranco Savelli, Gaetano A. Tomaselli*, Rosa M. Toscano

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ee 75%-91%
yield > 75%**Convenient preparation of bifunctional pybox ligands**

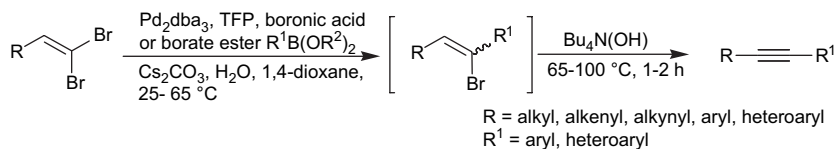
Mélanie Tilliet, Anders Frölander, Vincent Levacher*, Christina Moberg*

pp 10244–10249

**Synthesis of internal alkynes via one-pot palladium-catalyzed and dehydrobromination reactions of 1,1-dibromo-1-alkenes**

Giorgio Chelucci*, Francesca Capitta, Salvatore Baldino

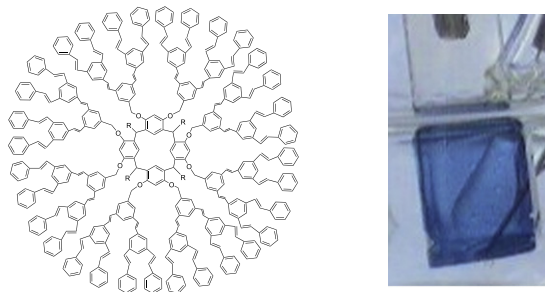
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Resorcinarene-dendrimers with stilbene moieties for optoelectronics

pp 10258–10266

Irina V. Lijanová, Ivana Moggio, Eduardo Arias, Tatiana Klimova, Marcos Martínez-García*



The resorcinarene-dendrimers showed a very interesting behavior in the reductive voltammetric cycle, where electrochromism from transparent to blue forms occurred in the film.


Synthesis of highly substituted *m*-chlorophenolic biaryls by chlorine substituent-promoted Diels–Alder reaction of 2-aryl-3-chlorofurans

pp 10267–10271

Ram N. Ram*, Neeraj Kumar



*Corresponding author

 Supplementary data available via ScienceDirect

Full text of this journal is available, on-line from **ScienceDirect**. Visit www.sciencedirect.com for more information.

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