



Tetrahedron Vol. 64, No. 23, 2008

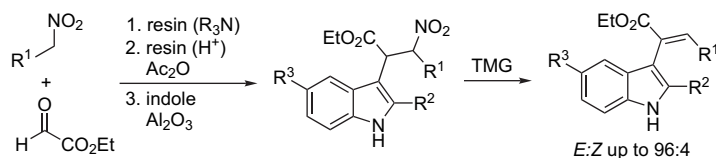
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Improved preparation of alkyl 2-(3-indolyl)-3-nitroalkanoates under fully heterogeneous conditions: stereoselective synthesis of alkyl (*E*)-2-(3-indolyl)-2-alkenoates

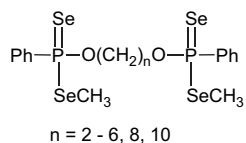
pp 5435–5441

Roberto Ballini, Serena Gabrielli, Alessandro Palmieri*, Marino Petrini*


New P–Se compounds from the reaction of 2,4-bis(phenyl)-1,3-diselenadiphosphetane-2,4-diselenide with alkyl-diols

pp 5442–5448

Guoxiong Hua, Yang Li, Alexandra M. Z. Slawin, J. Derek Woollins*

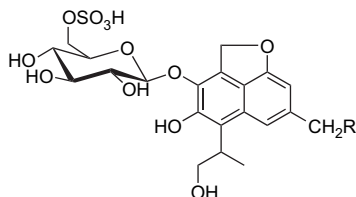


Woollins' reagent, $[(\text{PhP}(\mu\text{-Se})\text{Se})_2]$, has been used to prepare a range of bisdiselenophosphonic acids esters and P–Se heterocycles from the corresponding diols.

Unusual cytotoxic sulfated cadinene-type sesquiterpene glycosides from cottonseed (*Gossypium hirsutum*)

pp 5449–5453

Anna Lisa Piccinelli, Cinzia Lotti, Lorella Severino, Diomira Luongo, Luca Rastrelli*



13-hydroxy-7-O-(6'-O-sulfate-β-D-glucopiranosyl)-desoxyhemigossypol

R = H

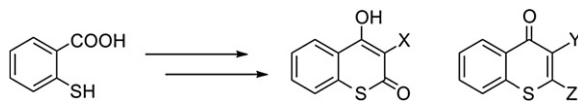
13,15-dihydroxy-7-O-(6'-O-sulfate-β-D-glucopiranosyl)-desoxyhemigossypol

R = OH

A prominent C-acylation–cyclisation synthetic sequence and X-ray structure elucidation of benzothiopyranone derivatives

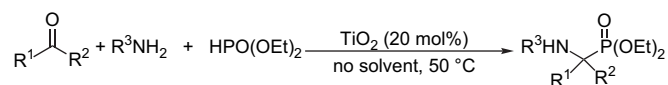
pp 5454–5458

Stefanos Kikionis, Vickie McKee, John Markopoulos, Olga Igglessi-Markopoulou*

**TiO₂ as a new and reusable catalyst for one-pot three-component syntheses of α-aminophosphonates in solvent-free conditions**

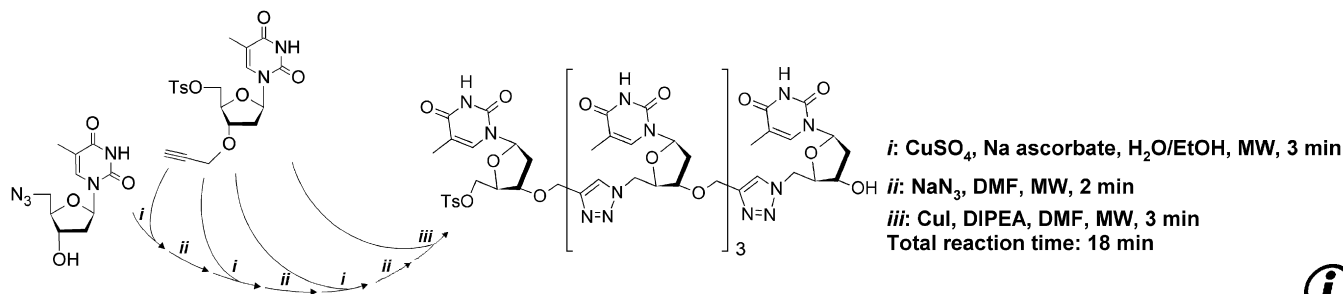
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Mona Hosseini-Sarvari

**A rapid efficient microwave-assisted synthesis of a 3',5'-pentathymidine by copper(I)-catalyzed [3+2] cycloaddition**

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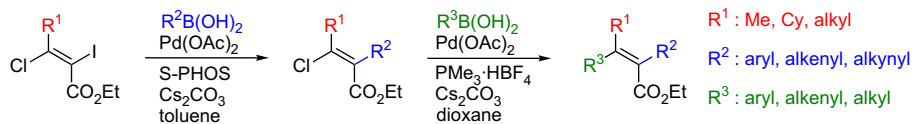
Romain Lucas, Rachida Zerrouki*, Robert Granet, Pierre Krausz, Yves Champavier



A simple method to prepare single isomer tetrasubstituted olefins by successive Suzuki–Miyaura cross-couplings of *E*- β -chloro- α -iodo- α,β -unsaturated esters

pp 5472–5481

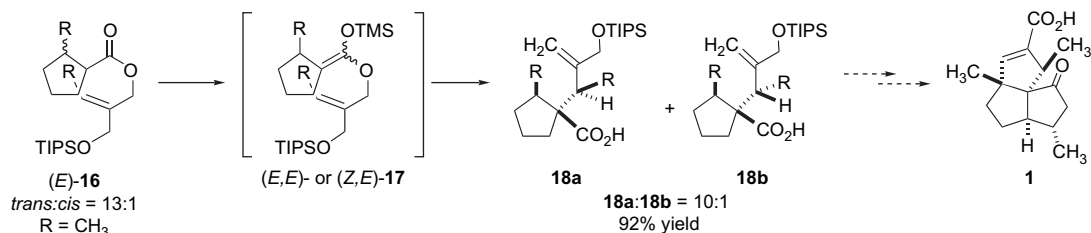
Julie Simard-Mercier, Alison B. Flynn, William W. Ogilvie*



An approach toward the total synthesis of subergoric acid

pp 5482–5490

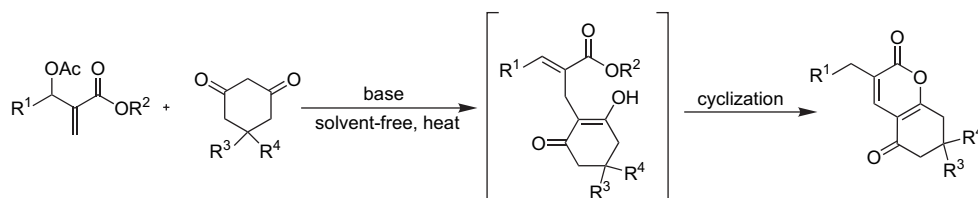
John C. Gilbert*, Jiandong Yin



An efficient synthesis of 3-arylmethyl-7,8-dihydro-6*H*-chromene-2,5-diones from Baylis–Hillman adduct acetates under solvent-free conditions

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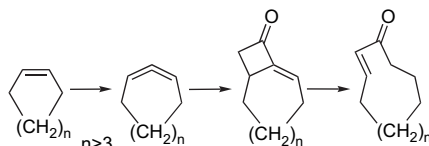
Weihui Zhong, Yongzhi Zhao, Weike Su*



A three-carbon ($n+1+2$) ring expansion method for the synthesis of macrocyclic enones. Application to muscone synthesis

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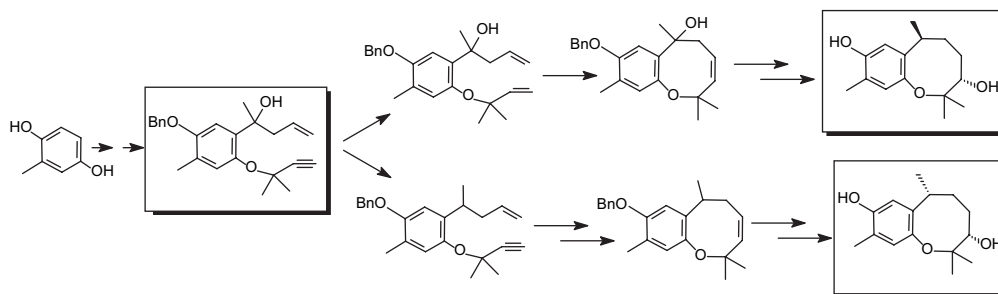
Ihsan Erden*, Weiguo Cao, Mary Price, Michael Colton



A stereoselective route towards heliannuol A

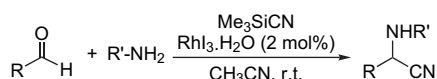
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Francisco A. Macías*, David Chinchilla, Jose M. G. Molinillo, Frank R. Fronczek, Kozo Shishido

**Rhodium(III) iodide hydrate catalyzed three-component coupling reaction: synthesis of α -aminonitriles from aldehydes, amines, and trimethylsilyl cyanide**

pp 5509–5514

Anjoy Majhi, Sung Soo Kim*, Santosh T. Kadam

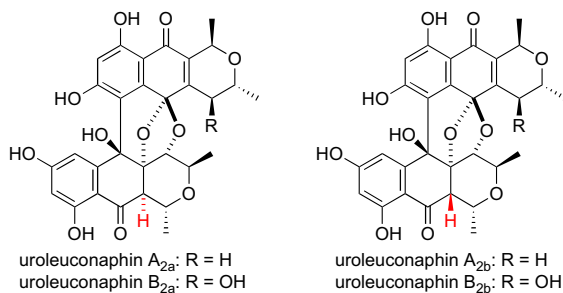


We have described a very simple, convenient, and practical method for the synthesis of α -aminonitriles through three-component coupling reaction of aldehydes, amines, and TMSCN using rhodium(III) iodide hydrate as catalyst.

Uroleuconaphins A_{2a}, A_{2b}, B_{2a}, and B_{2b}: four yellowish pigments from the aphid *Uroleucon nigrotuberculatum* (Olive)

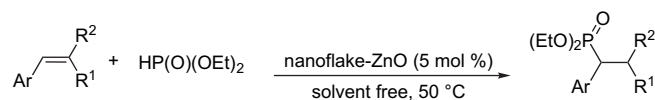
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Mitsuyo Horikawa*, Masami Tanaka, Hiroto Kaku, Takeshi Nishii, Tetsuto Tsunoda*

*Uroleucon nigrotuberculatum* (Olive)**Nanosized zinc oxide as a catalyst for the rapid and green synthesis of β -phosphono malonates**

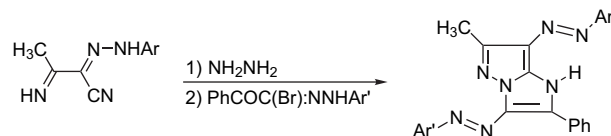
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Mona Hosseini-Sarvari*, Samane Etemad



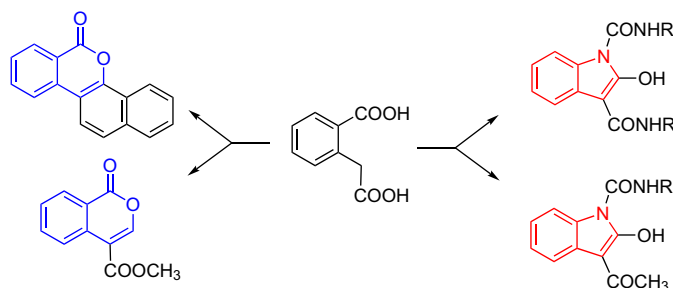
Synthesis and tautomeric structure of 3,7-bis(arylo)-6-methyl-2-phenyl-1*H*-imidazo[1,2-*b*]pyrazoles in ground and excited states

Ahmad Sami Shawali*, Mosselhi A. Mosselhi, Farag M. A. Altablawy, Thoraya A. Farghaly, Nagla M. Tawfik



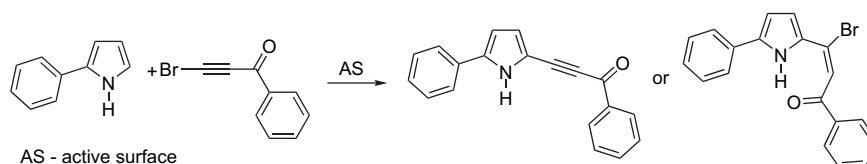
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Sevil Özcan, Metin Balci*



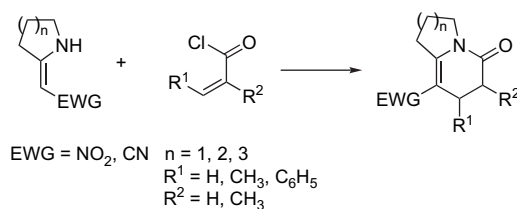
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[3+3] Cyclization reactions of β -nitroenamines and β -enaminonitriles with α,β -unsaturated carboxylic acid chlorides

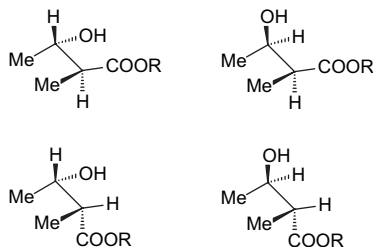
Mihály V. Pilipecz, Tamás R. Varga, Zoltán Mucsi, Pál Scheiber, Péter Nemes*



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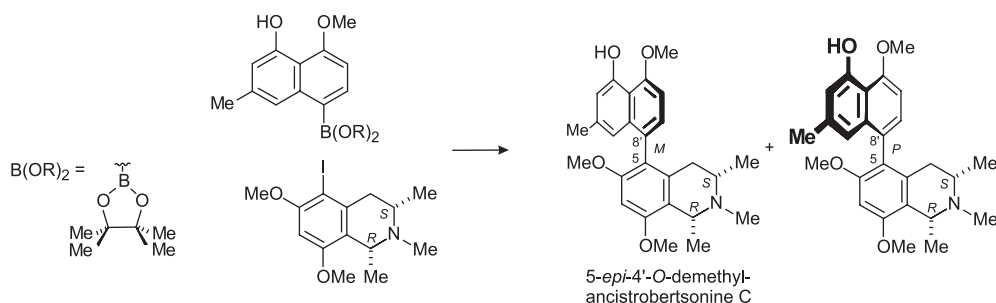
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Bogdan Doboszewski, Piet Herdewijn*

**Total synthesis of the antimalarial naphthylisoquinoline alkaloid 5-*epi*-4'-*O*-demethylancistrobertsonine C by asymmetric Suzuki cross-coupling**

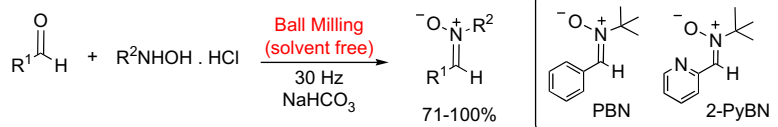
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Gerhard Bringmann*, Stefan Rüdener, Torsten Bruhn, Lauren Benson, Reto Brun

**Solvent-free synthesis of nitrones in a ball-mill**

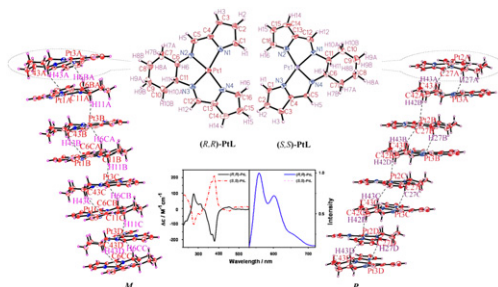
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Evelina Colacino, Pierrick Nun, Francesco Maria Colacino, Jean Martinez, Frédéric Lamaty*

**C–H...Pt(II) interaction-controlled self-assembly and photophysics of chiral bis(pyrrol-2-ylmethylene-amino)cyclohexane platinum(II) complexes**

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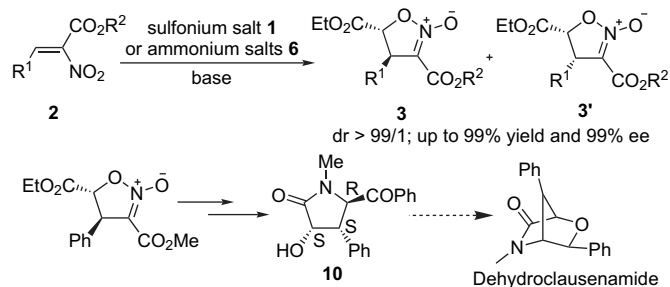
Xu-Feng Shan, Deng-Hui Wang, Chen-Ho Tung, Li-Zhu Wu*



Synthesis of isoxazoline *N*-oxides and its application in the formal synthesis of dehydroclausenamide

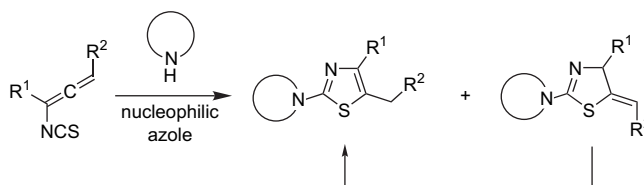
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Chun-Yin Zhu, Xiu-Li Sun, Xian-Ming Deng, Jun-Cheng Zheng, Yong Tang*

**Synthesis of functionalized thiazoles via attack of heterocyclic nucleophiles on allenyl isothiocyanates**

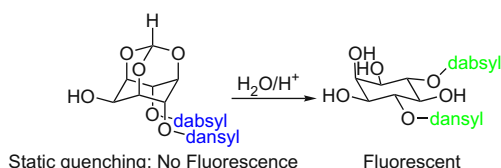
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Baker Jawabrah Al-Hourani, Klaus Banert*, Nermeen Gomaa, Kai Vrobel

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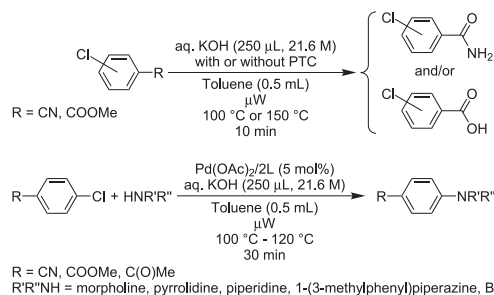
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Manikandan Kadirvel, Abdul Gbaj, David Mansell, Steven M. Miles, Biljana Arsic, Elena V. Bichenkova*, Sally Freeman*

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Gitte Van Baelen, Bert U. W. Maes*



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*Corresponding author

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