



Tetrahedron Vol. 67, Issue 30, 2011

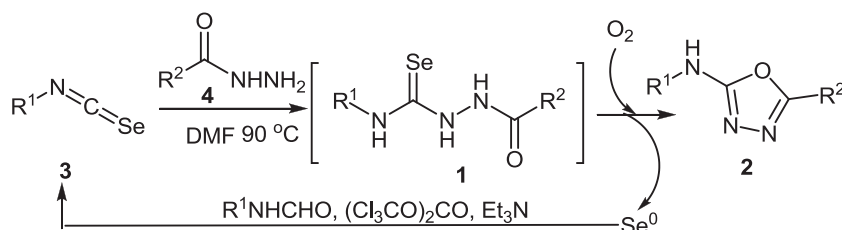
Contents

ARTICLES

Synthesis of 2-amino-1,3,4-oxadiazoles from isoselenocyanates via cyclodeselenization

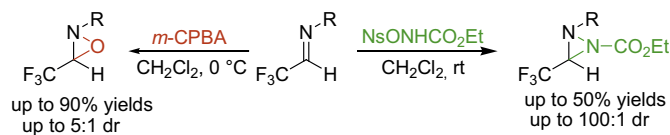
pp 5369–5374

Yuanyuan Xie*, Junli Liu, Ping Yang, Xiangjun Shi, Jianjun Li

**Synthesis of optically active trifluoromethyl substituted diaziridines and oxaziridines**

pp 5375–5381

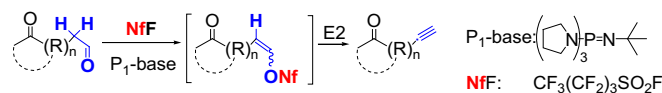
Laura Carroccia, Stefania Fioravanti*, Lucio Pellacani*, Claudia Sadun, Paolo A. Tardella



Convenient synthesis of non-conjugated alkynyl ketones from keto aldehydes by a chemoselective one-pot nonaflation—base catalyzed elimination sequence

pp 5382–5388

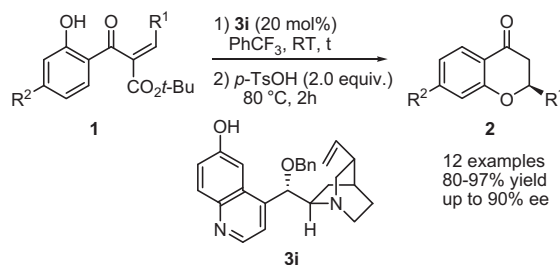
Ekaterina V. Boltukhina, Andrey E. Sheshenev*, Ilya M. Lyapkalo



Tandem intramolecular oxa-Michael addition/decarboxylation reaction catalyzed by bifunctional cinchona alkaloids: facile synthesis of chiral flavanone derivatives

pp 5389–5394

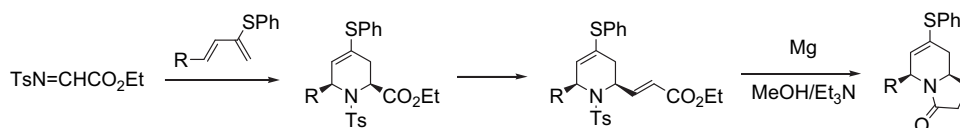
Hai-Feng Wang, Hua Xiao, Xiao-Wei Wang, Gang Zhao*



Synthesis and reactions of sulfur-substituted indolizidinones

pp 5395–5401

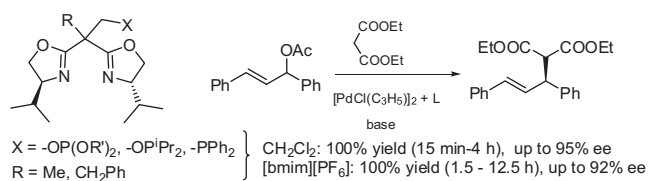
Shang-Shing P. Chou*, Bing-Heng Lee, Cheng-Han Ni, Yu-Chou Lin



Tridentate chiral NPN ligands based on bis(oxazolines) and their use in Pd-catalyzed enantioselective allylic substitution in molecular and ionic liquids

pp 5402–5408

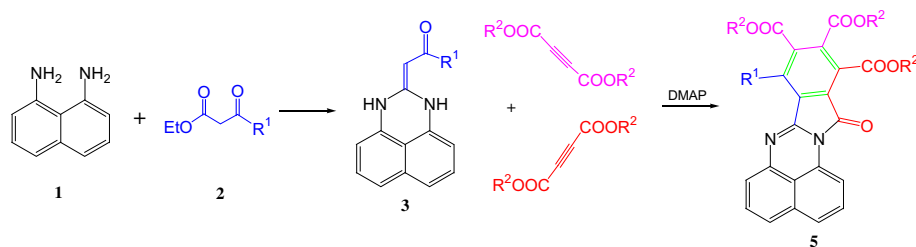
M. Rosa Castillo, Sergio Castellón, Carmen Claver, José M. Fraile*, Aitor Gual, Marta Martín, José A. Mayoral*, Eduardo Sola



Preparation of perinones via a novel multicomponent synthesis of isoindole scaffold

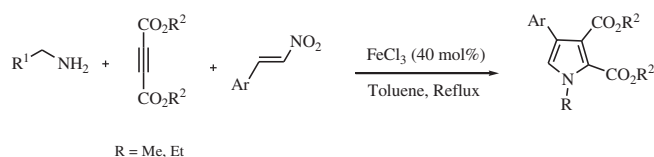
pp 5409–5414

Şevket Hakan Üngören, İrfan Koca*, Filiz Yilmaz

**An efficient one-pot synthesis of tetra-substituted pyrroles**

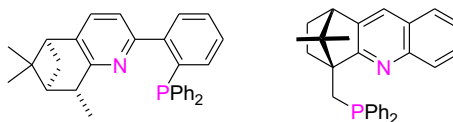
pp 5415–5420

Elmira Ghabraie, Saeed Balalaie*, Morteza Bararjanian, Hamid Reza Bijanzadeh, Frank Rominger

**New monoterpene-derived phosphinopyridine ligands and their application in the enantioselective iridium-catalyzed hydrogenation**

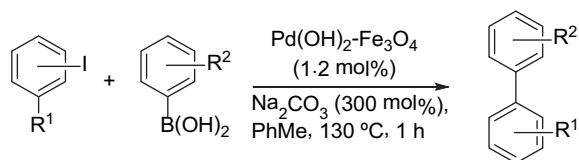
pp 5421–5431

Giorgio Chelucci*, Mauro Marchetti, Andrei V. Malkov*, Frédéric Friscourt, Martin E. Swarbrick, Pavel Kočovský*

**Impregnated palladium on magnetite, a new catalyst for the ligand-free cross-coupling Suzuki–Miyaura reaction**

pp 5432–5436

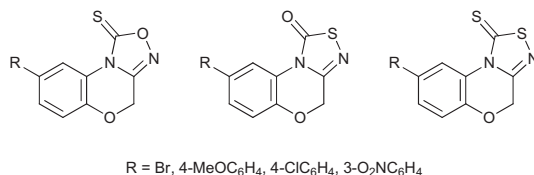
Rafael Cano, Diego J. Ramón*, Miguel Yus



Synthesis of sulfur containing analogues of the soluble guanylate cyclase inhibitor 8-bromo-4*H*-[1,2,4]oxadiazolo[3,4-*c*]-[1,4]benzoxazin-1-one NS2028

pp 5437–5443

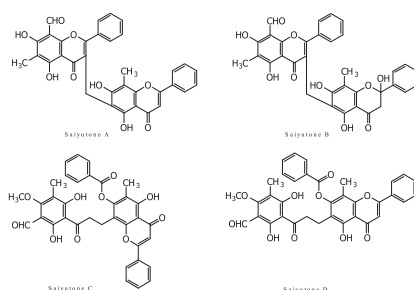
Andrey A. Berezin, Panayiotis A. Koutentis*, Manolis J. Manos



Saiyutones A–D: four new unusual biflavones from *Desmos chinensis*

pp 5444–5449

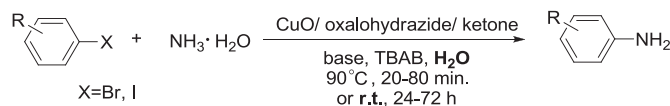
Tharikarn Rittiwong, Thumnoon Mutarapat, Chanita Ponglimanont, Wilawan Mahabusarakam, Suda Chakthong*



Copper/oxalohydrazide/ketone catalyzed synthesis of primary arylamines via coupling of aryl halides with aqueous ammonia in water

pp 5450–5454

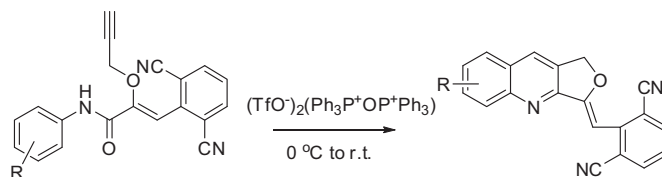
Ying Li, Xinhai Zhu*, Fei Meng, Yiqian Wan



Efficient synthesis of furoquinolinones using Hendrickson reagent-initiated cascade annulation

pp 5455–5460

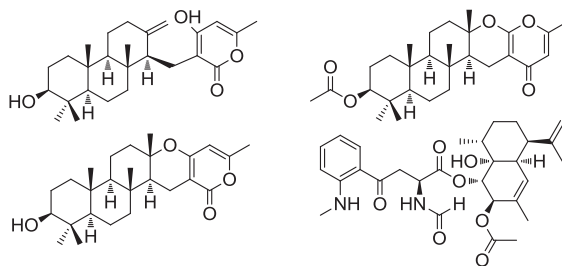
Peng Xu, Guan-Sai Liu, Jie Xi, Shaozhong Wang, Zhu-Jun Yao*



Bioactive meroterpenoids and alkaloids from the fungus *Eurotium chevalieri*

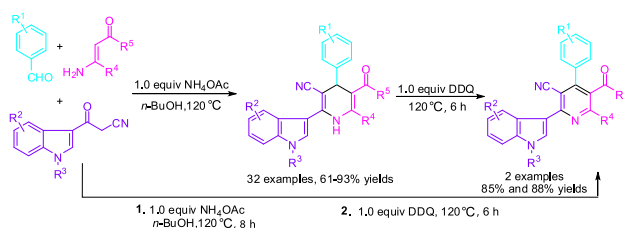
pp 5461–5468

Kwanjai Kanokmedhakul, Somdej Kanokmedhakul*, Ruchiruttikorn Suwannatrai, Kasem Soyong, Samran Prabpai, Palangpon Kongsaree

**A convergent construction of 1,4-dihydropyridine scaffold containing indole fragment**

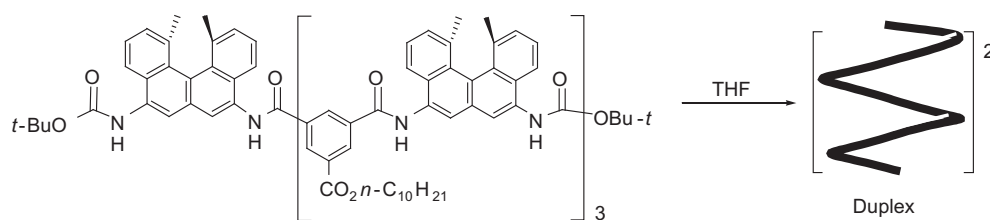
pp 5469–5476

Tao Chen, Xiao-Ping Xu*, Hai-Feng Liu, Shun-Jun Ji*

**Synthesis and duplex formation of the reverse amidohelicene tetramer**

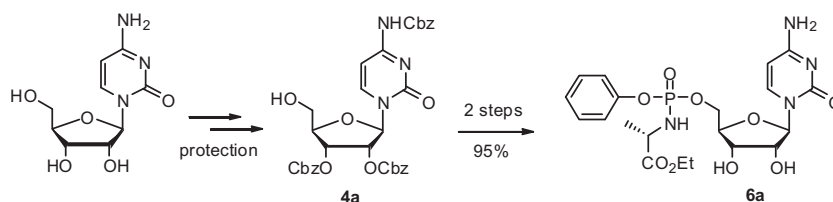
pp 5477–5486

Wataru Ichinose, Masamichi Miyagawa, Jun Ito, Masanori Shigeno, Ryo Amemiya, Masahiko Yamaguchi*

**Efficient synthesis of nucleoside aryloxy phosphoramidate prodrugs utilizing benzyloxycarbonyl protection**

pp 5487–5493

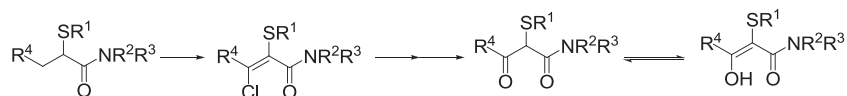
Jong Hyun Cho, Franck Amblard, Steven J. Coats, Raymond F. Schinazi*



Selective β -oxidation of α -sulfanyl amides

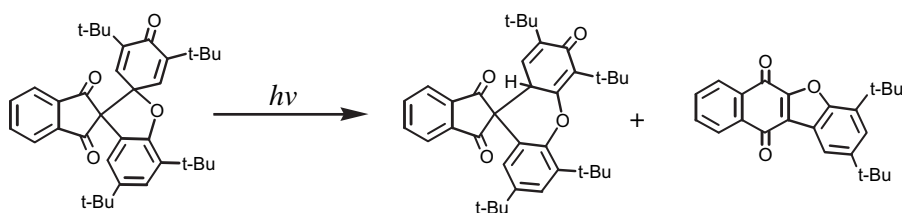
pp 5494–5499

Marie Kissane, Maureen Murphy, Lorraine M. Bateman, Daniel G. McCarthy, Anita R. Maguire*

**Photorearrangements in spiro-conjoined cyclohexa-2,5-dien-1-one**

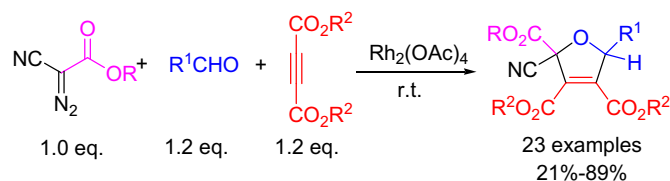
pp 5500–5506

Masaya Suzuki, Kazunori Imai, Hidetsugu Wakabayashi, Atsuko Arita, Kohei Johmoto, Hidehiro Uekusa, Keiji Kobayashi*

**A practical system to synthesize the multiple-substituted 2,5-dihydrofuran by the intermolecular dipolar cycloaddition reactions involving acceptor/acceptor-substituted diazo reagents**

pp 5507–5515

Shifa Zhu*, Lijuan Chen, Chao Wang, Renxiao Liang, Xiujun Wang, Yanwei Ren, Huanfeng Jiang



*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.

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei compendex, EMBASE/Excerpta Medica, Medline, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®



ELSEVIER

ISSN 0040-4020