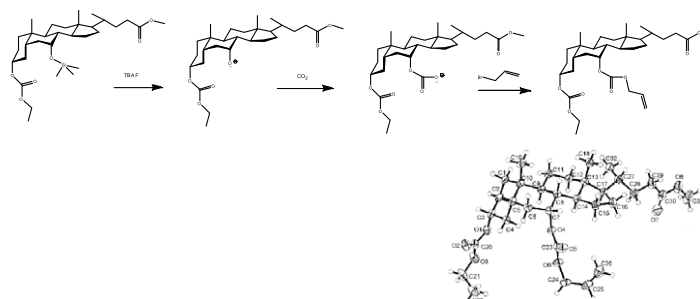


Tetrahedron Letters Vol. 50, No. 5, 2009

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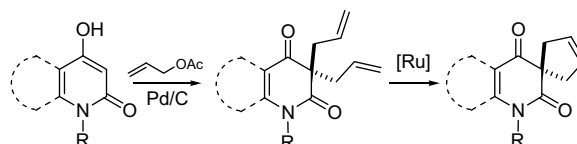
Synthesis and comparative spectroscopic analysis of two chenodeoxycholic acid (CDCA) derivatives with closely related  $7\alpha$ -ester moieties pp 503–505

Xinyan Bai, Charles Barnes, Jerry Ray Dias \*



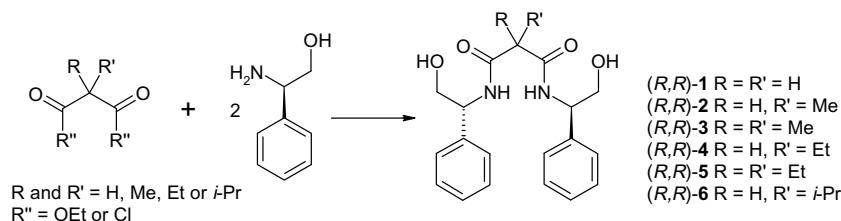
Synthesis of spiro-pyridones and spiro-quinolones by sequential palladium on carbon-catalyzed allylation and ring closing metathesis reactions pp 506–508

Laura Kersten, Rachel H. Taylor, François-Xavier Felpin \*



Stereoisomeric bis(phenylglycinol)malonamide gelators: rare examples of gelling *meso*-compounds pp 509–513

Milan Jokić, Vesna Čaplar, Tomislav Portada, Janja Makarević, Nataša Šijaković Vujičić, Mladen Žinić \*

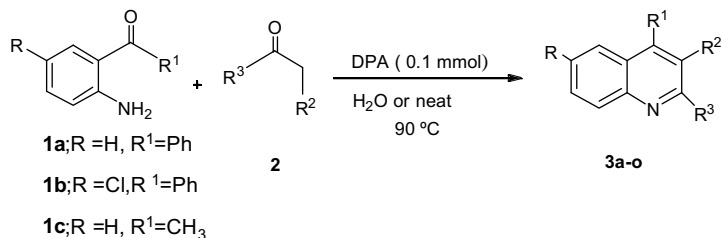


Gelation of malonamides was investigated for the first time, and their gelation properties were found to depend strongly on the substitution at the  $\alpha$ -carbon of the malonamide fragment and their stereochemistry. *Meso* diastereoisomers  $(R,r,S)$ -2 and  $(R,s,S)$ -2 each possessing a pseudoasymmetric centre represent one of the first examples of gelling *meso*-compounds.

**Friedländer synthesis of poly-substituted quinolines in the presence of dodecylphosphonic acid (DPA) as a highly efficient, recyclable and novel catalyst in aqueous media and solvent-free conditions**

pp 514–519

S. Ghassamipour, A. R. Sardarian \*

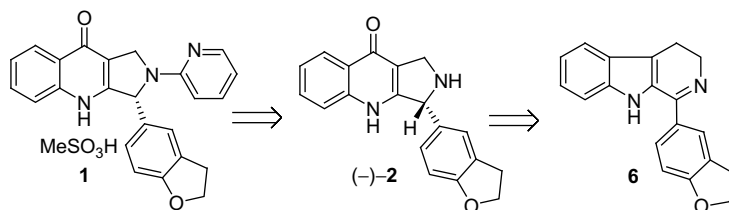


Poly-substituted quinolines were synthesized in the presence of a catalytic amount of dodecylphosphonic acid (DPA) in aqueous media and solvent-free conditions.

**Enantioselective total synthesis of pyrroloquinolone as a potent PDE5 inhibitor**

pp 520–523

Nagula Shankaraiah, Leonardo Silva Santos \*

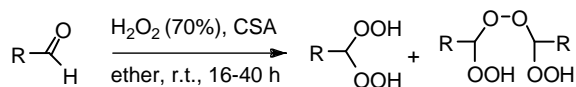


A concise enantioselective strategy for the synthesis of key phosphodiesterase-5 inhibitor **2** was developed via routes that proceeded in four steps and 72% overall yield, and in three steps and 58% overall yield, respectively, from imine **6** using asymmetric hydrogenation and one-pot chiral auxiliary reduction approaches.

**A simple, efficient and versatile synthesis of primary gem-dihydroperoxides from aldehydes and hydrogen peroxide**

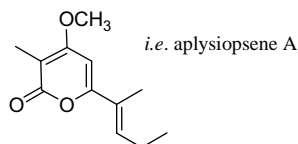
pp 524–526

Alexander Bunge, Hans-Jürgen Hamann \*, Jürgen Liebscher \*


**Aplysiopsenes: an additional example of marine polyketides with a mixed acetate/propionate pathway**

pp 527–529

Maria Letizia Ciavatta \*, Emiliano Manzo, Genevieve Nuzzo, Guido Villani, Guido Cimino, Juan Lucas Cervera, Manuel Antonio E. Malaquias, Margherita Gavagnin

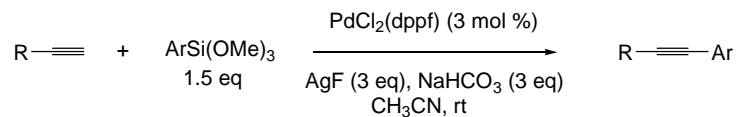


Chemical analysis of the sacoglossan *Aplysiopsis formosa* from Azores led to the isolation of four  $\alpha$ -pyrone polyketides.

**Palladium-catalyzed cross-coupling reaction of aryl trimethoxysilanes with terminal alkynes**

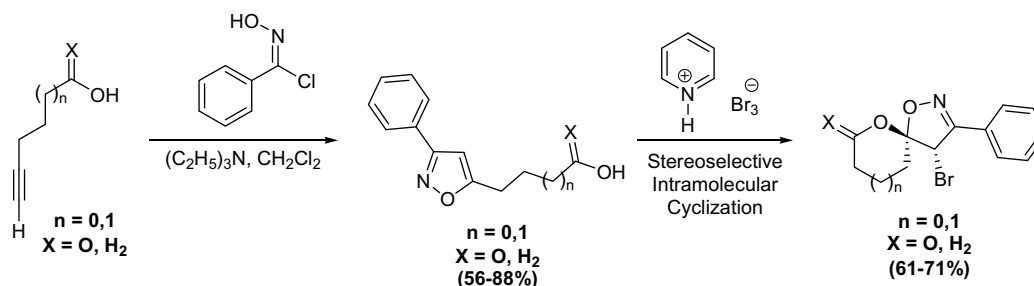
pp 530–532

Zhishi Ye, Miaochang Liu, Baoda Lin, Huayue Wu, Jinchang Ding, Jiang Cheng \*

**Oxonium ion-mediated synthesis of 4-substituted spiro-isoxazolines**

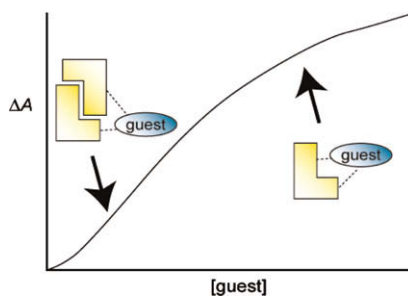
pp 533–535

Eric McClendon, Ann O. Omollo, Edward J. Valente, Ashton T. Hamme II \*

**Allosteric binding of amino alcohols and diamines by dimeric zinc biladienone**

pp 536–539

Tomofumi Shimizu, Naomi Asano, Tadashi Mizutani \*, Ho-Chol Chang, Susumu Kitagawa

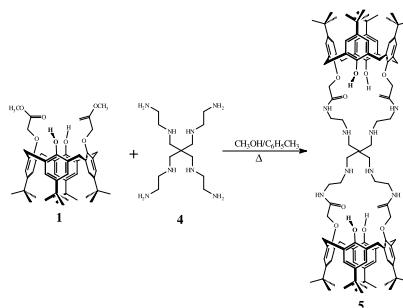


Self-assembled asymmetric homodimer binds aminoalcohol and diamines allosterically to result in sigmoidal binding.

**A spirobiscalix[4]azacrown: synthesis and complexing properties**

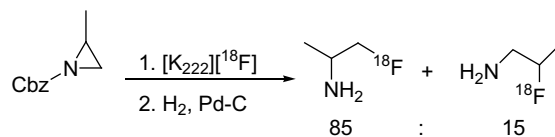
pp 540–543

Abdelwaheb Hamdi \*, Young Hoon Lee, Yang Kim \*, Dewi K. A. Kusumahastuti, Keisuke Ohto, Rym Abidi, Jacques Vicens \*

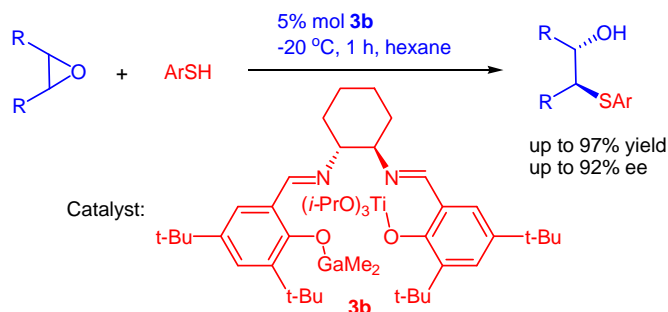


**[<sup>18</sup>F]Fluoroamines via ring-opening of *N*-Cbz-2-methylaziridine with [<sup>18</sup>F]-fluoride**

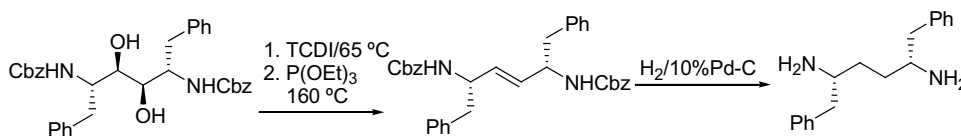
pp 544–547

Neil Vasdev <sup>\*</sup>, Erik M. van Oosten, Karin A. Stephenson, Nonik Zadikian, Andrei K. Yudin, Alan J. Lough, Sylvain Houle, Alan A. WilsonSynthetically versatile [<sup>18</sup>F]-labelled amines were prepared by ring-opening of an activated unsymmetrical aziridine with [<sup>18</sup>F]-fluoride, followed by deprotection.**Enantioselective ring-opening reaction of *meso*-epoxides with ArSH catalyzed by heterobimetallic Ti–Ga–Salen system**

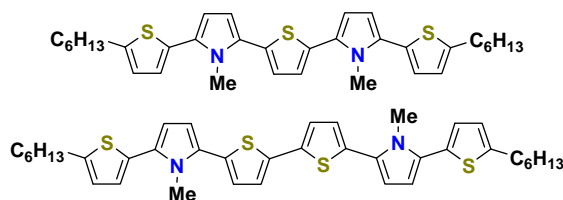
pp 548–551

Jiangtao Sun, Fang Yuan, Minghua Yang, Yi Pan, Chengjian Zhu <sup>\*</sup>**A novel and efficient synthesis of chiral *C*<sub>2</sub>-symmetric 1,4-diamines**

pp 552–554

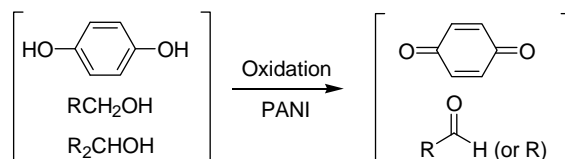
Lianhong Xu, Manoj C. Desai, Hongtao Liu <sup>\*</sup>A new and efficient synthesis for chiral *C*<sub>2</sub>-symmetrical 1,4-diamines based on combination of Corey–Winter olefination and Pinacol Coupling was described.**Synthesis of thiophene–pyrrole mixed oligomers end-capped with hexyl group for field-effect transistors**

pp 555–558

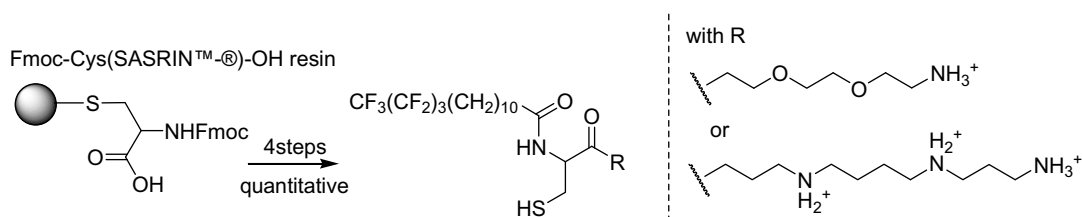
Mika Fujii, Tohru Nishinaga <sup>\*</sup>, Masahiko IyodaMixed thiophene–*N*-methylpyrrole oligomers composed of the five and six heterocycles and hexyl substituents at both ends were synthesized, and their structural, electronic, and field-effect properties were investigated.

**Efficient oxidation of hydroquinone and alcohols by tailor-made solid polyaniline catalyst**

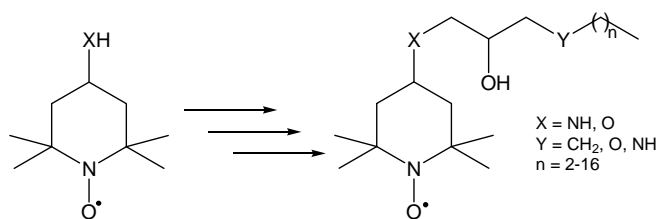
pp 559–561

Chan Woo Lee <sup>\*</sup>, Sung Ho Jin, Koo Sik Yoon, Han Mo Jeong, Ki-Whan Chi <sup>\*</sup>**Efficient solid-phase synthesis of perfluoroalkylated dimerizable cationic detergents for gene delivery**

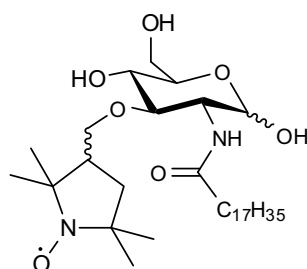
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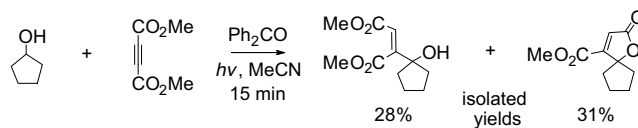
Nicolas Guilloteau, Loïc Le Gourri rec, Karine Fabio, Christophe Di Giorgio, Jacques Greiner, Pierre Vierling <sup>\*</sup>**Microwave-assisted synthesis of amphiphilic spin probes**

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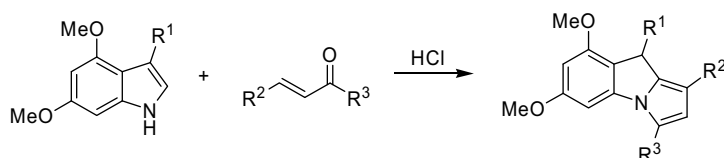
Anja Hafner, Martina Hrast, Slavko Pe ar, Janez Mravljak <sup>\*</sup>**A new glucosamine-containing amphiphilic spin probe**

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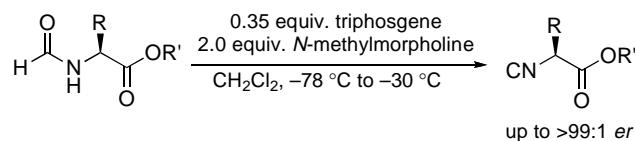
Janez Mravljak <sup>\*</sup>, Slavko Pe ar

**The reaction of photochemically generated  $\alpha$ -hydroxyalkyl radicals with alkynes: a synthetic route to  $\gamma$ -butenolides** pp 570–573
Niall W. A. Geraghty <sup>\*</sup>, Elaine M. Hernon
**An efficient synthesis of 9H-pyrrolo[1,2-a]indoles**

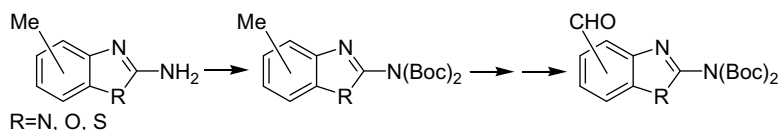
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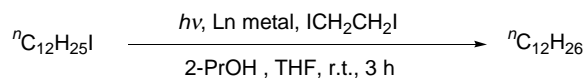
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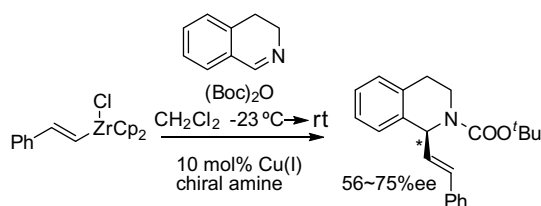
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Yuri Tomisaka, Akihiro Nomoto, Akiya Ogawa \*

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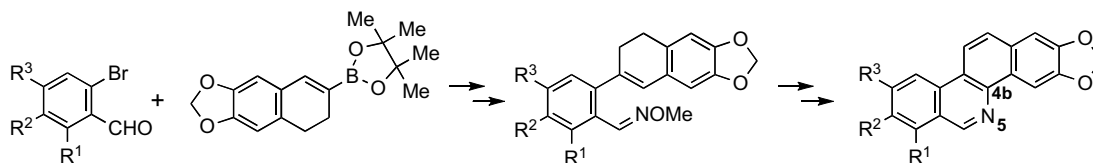
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**A new synthesis of the benzo[c]phenanthridines noritidine, noravicine, and isodecarine, based on a microwave-assisted electrocyclic reaction of the aza 6π-electron system**

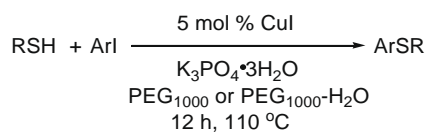
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Kakujiro Kohno, Shuhei Azuma, Tominari Choshi, Junko Nobuhiro, Satoshi Hibino \*

**Simple, efficient and recyclable catalytic system for performing copper-catalyzed C–S coupling of thiols with aryl iodides in PEG and PEG–H<sub>2</sub>O**

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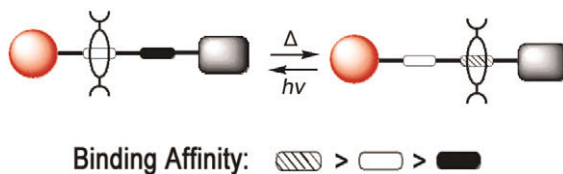
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\*Corresponding author

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