



Tetrahedron Vol. 69, Issue 8, 2013

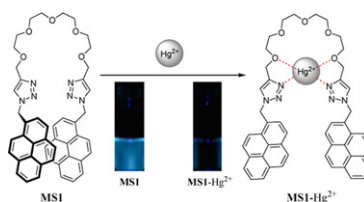
Contents

ARTICLES

Highly selective fluorescent sensors for mercury(II) ions and their applications in living cell imaging

pp 1965–1969

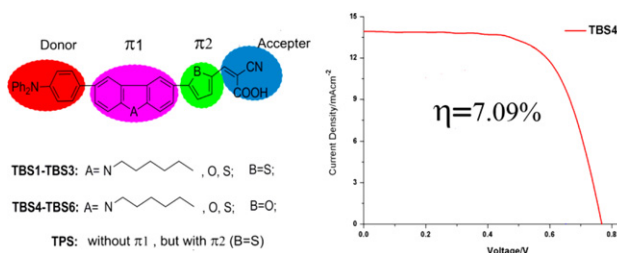
Hsuan-Fu Wang, Shu-Pao Wu*



Efficient organic dyes containing dibenzo heterocycles as conjugated linker part for dye-sensitized solar cells

pp 1970–1977

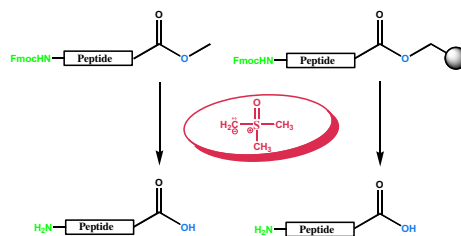
Shengyun Cai, Xiaohao Hu, Jinlong Han, Zhiyun Zhang, Xin Li, Chengyou Wang, Jianhua Su*



The dimethylsulfoxonium methylide as unique reagent for the simultaneous deprotection of amino and carboxyl function of *N*-Fmoc- α -amino acid and *N*-Fmoc-peptide esters

pp 2010–2016

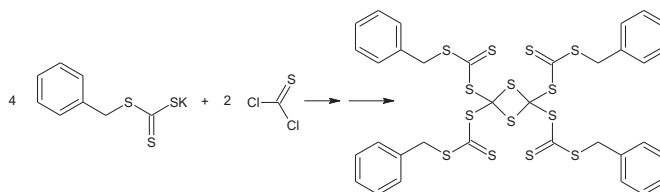
Mariagiovanna Spinella, Rosaria De Marco, Emilia L. Belsito, Antonella Leggio*, Angelo Liguori*



2,2,4,4-Tetrathio substituted 1,3-dithietanes

pp 2017–2021

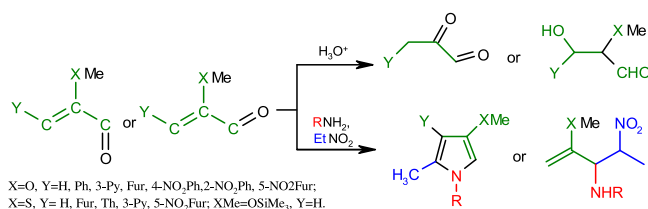
Wolfgang Weber*, Helen Chirowodza, Harald Pasch



2-Alkoxy- and 2-alkylthio-2-alkenals in the reactions of electrophilic and nucleophilic addition. DFT study and NBO analysis

pp 2022–2032

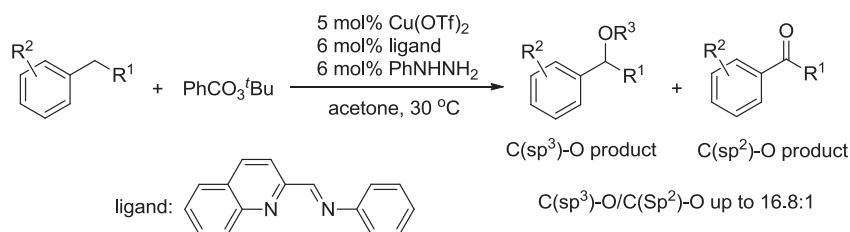
Natalia A. Keiko*, Tamara N. Aksamentova, Nina N. Chipanina, Ekaterina A. Verochkina, Nadezhda V. Vchislo



Copper-catalyzed benzylic oxidation of $\text{C}(\text{sp}^3)\text{-H}$ bonds

pp 2033–2037

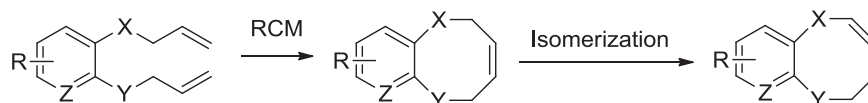
Bo Zhang, Shou-Fei Zhu*, Qi-Lin Zhou*



A ring-closing metathesis approach to eight-membered benzannelated scaffolds and subsequent internal alkene isomerizations

pp 2038–2047

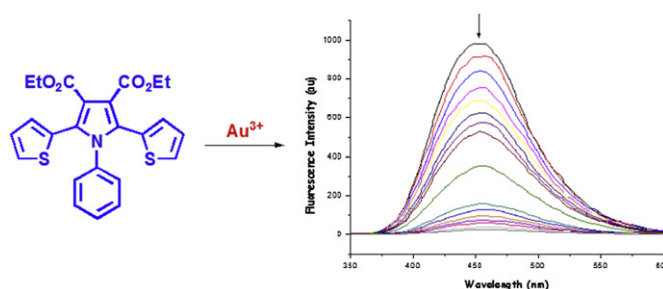
Abu Taher, Blessing A. Aderibigbe, Garreth L. Morgans, Lee G. Madeley, Setshaba D. Khanye, Leandi van der Westhuizen, Manuel A. Fernandes, Vincent J. Smith, Joseph P. Michael, Ivan R. Green, Willem A.L. van Otterlo*



Nonreaction-based fluorescent Au³⁺ probe that gives fast response in aqueous solution

pp 2048–2051

Zahide Öztaş, Melek Pamuk, Fatih Algi*



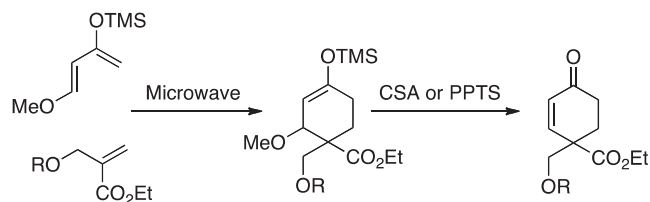
A simple, selective and efficient turn-off fluorescent Au³⁺ probe, which, to our best knowledge, is the first example of nonreaction-based fluorescent Au³⁺ probes, is highlighted.



Microwave-assisted Diels–Alder reactions between Danishefsky's diene and derivatives of ethyl α -(hydroxymethyl) acrylate. Synthetic approach toward a biotinylated anti-inflammatory monocyclic cyanoenone

pp 2052–2055

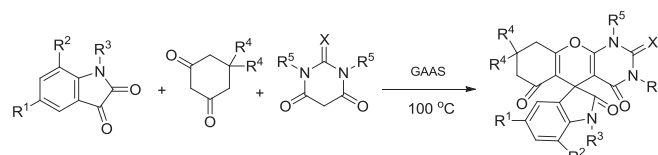
Suqing Zheng, Allison Chowdhury, Iwao Ojima, Tadashi Honda*



One-pot three-component synthesis of functionalized spirooxindoles in gluconic acid aqueous solution

pp 2056–2061

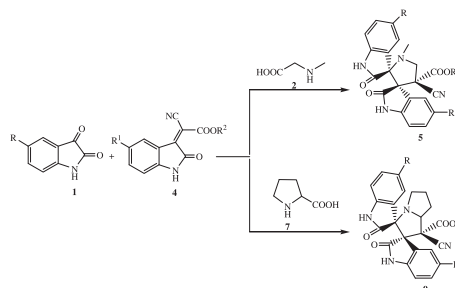
Rui-Yun Guo, Ping Wang, Guo-Dong Wang, Li-Ping Mo, Zhan-Hui Zhang*



Synthesis and stereochemical investigation of highly functionalized novel dispirobisoxindole derivatives via [3+2] cycloaddition reaction in ionic liquid

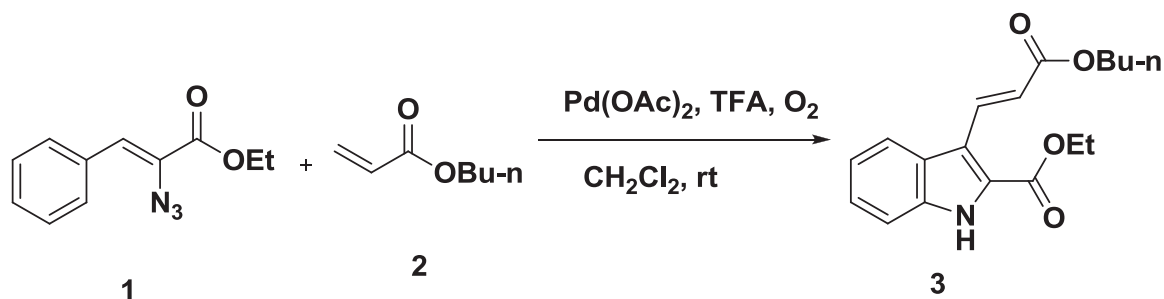
pp 2062–2069

Anshu Dandia*, Anuj K. Jain, Ashok K. Laxkar, Dharmendra S. Bhati

**Palladium-catalyzed synthesis of 3-alkenyl indoles from 2-azido-3-arylacrylates and terminal alkenes at room temperature**

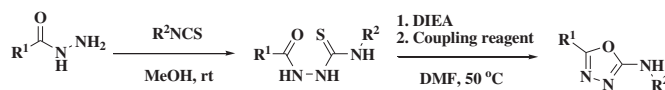
pp 2070–2074

Yaohong Zhang, Shen Liu, Wanwan Yu, Miao Hu, Guolin Zhang*, Yongping Yu*

**A new and efficient synthesis of 1,3,4-oxadiazole derivatives using TBTU**

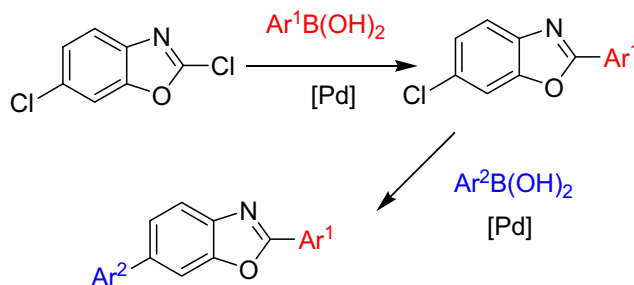
pp 2075–2080

Shokoofeh Maghari, Sorour Ramezanpour, Fatemeh Darvish, Saeed Balalae*, Frank Rominger, Hamid Reza Bijanzadeh


**Site-selective Suzuki–Miyaura reactions of 2,6-dichlorobenzoxazole**

pp 2081–2086

Aws M. Hamdy, Nadi Eleya, Hamid H. Mohammed, Tamás Patonay, Anke Spannenberg, Peter Langer*



*Corresponding author

 Supplementary data available via SciVerse ScienceDirect

Available online at www.sciencedirect.com

SciVerse ScienceDirect

Full text of this journal is available, on-line from **SciVerse 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 Sciverse SCOPUS[®]. Full text available on Sciverse ScienceDirect[®]



ELSEVIER

ISSN 0040-4020