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Tetrahedron Letters Vol. 54, Issue 23, 2013

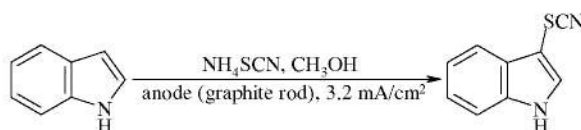
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Electrochemical thiocyanation of nitrogen-containing aromatic and heteroaromatic compounds

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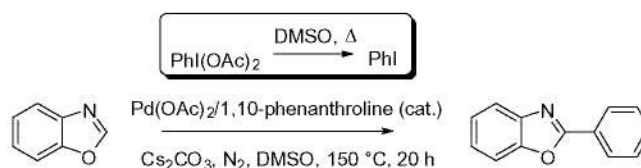
Lida Fotouhi, Kobra Nikoofar*



A key role for iodobenzene in the direct C–H bond functionalisation of benzoxazoles using $\text{PhI}(\text{OAc})_2$ mediated by a $\text{Pd}(\text{OAc})_2/1,10\text{-phenanthroline}$ catalyst system: in situ formation of well-defined Pd nanoparticles

pp 2906–2908

Thomas J. Williams, Ian J. S. Fairlamb*



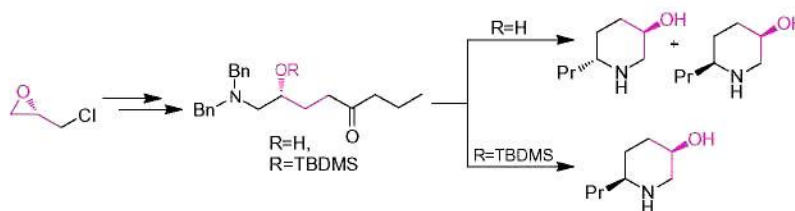
Iodobenzene is rapidly generated from phenyl iodonium diacetate in DMSO at 150 °C, which serves as the substrate in catalytic C–H bond functionalisation of benzoxazole mediated by palladium.



Diastereoselective total synthesis of 3,6-disubstituted piperidine alkaloids, (3*R*,6*S*)-*epi*-pseudoconhydrine and (3*R*,6*R*)-pseudoconhydrine

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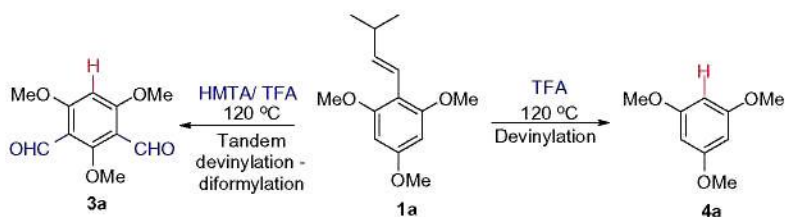
Sandip R. Khobare, Vikas S. Gajare, Subbarao Jammula, U. K. Syam Kumar*, Y. L. N. Murthy



The first method for C-devinylation of aromatic systems

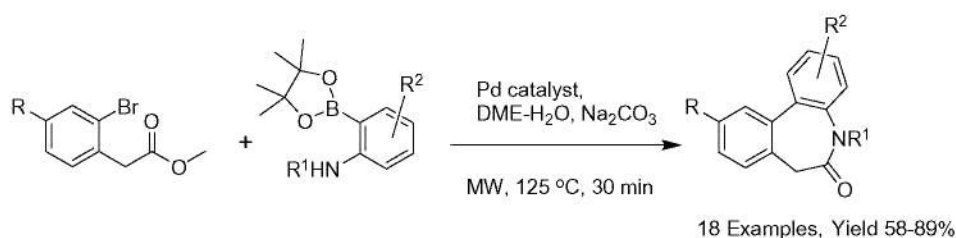
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Sandip B. Bharate*, Ramesh Mudududdla, Rohit Sharma, Ram A. Vishwakarma*

**An efficient one-pot microwave assisted synthesis of dibenzoazepinones**

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**Solid supported Ru(0) nanoparticles: an efficient ligand-free heterogeneous catalyst for aerobic oxidation of benzylic and allylic alcohol to carbonyl**

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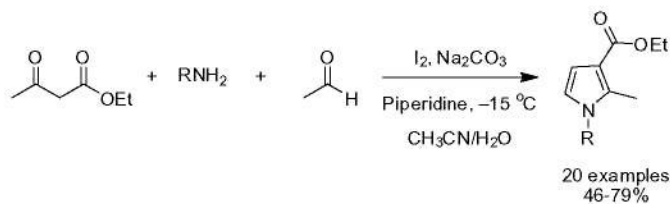
Pralay Das*, Nidhi Aggarwal, Nitul Ranjan Guha



An efficient and convenient synthesis of 1,2,3-trisubstituted pyrroles via iodocyclization from ethyl acetoacetate

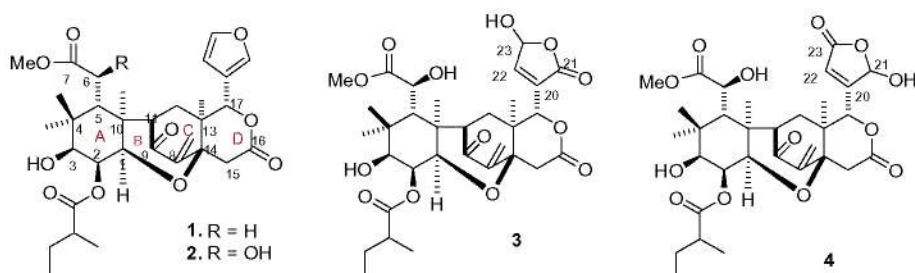
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Pengfei Xu, Kunzhu Huang, Zhiguo Liu, Ming Zhou, Wenbin Zeng*

**Cipadessin-type limonoids from the leaves of *Cipadessa baccifera***

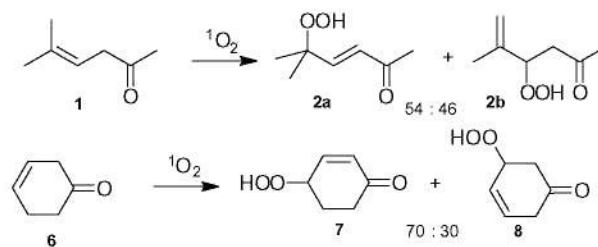
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Bandi Siva, G. Suresh, B. Poornima, A. Venkanna, K. Suresh Babu*, K. Rajendra Prasad, L. Prasanna Anjaneya Reddy, A. S. Sreedhar, C. Venkata Rao

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Axel G. Griesbeck*, Bernd Goldfuss, Matthias Leven, Alan de Kiff

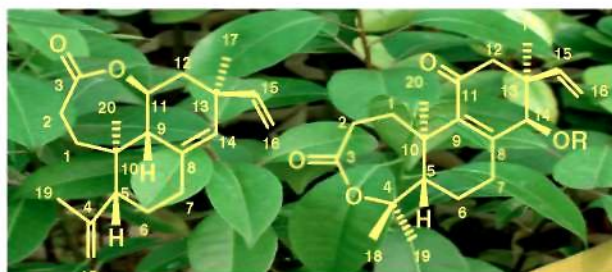


The synthetic and computational analysis of singlet oxygen ene reactions with unsaturated ketones is described.

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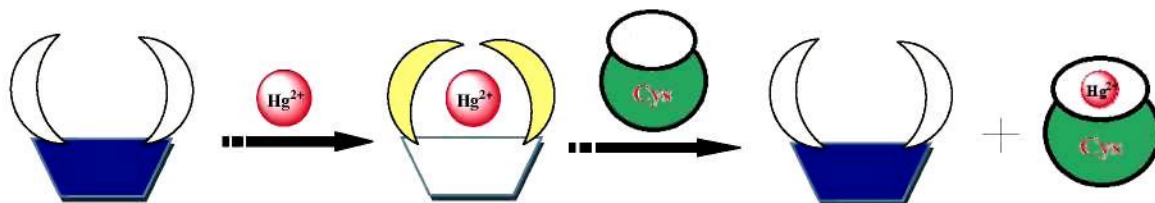
M. Gowri Ponnappalli*, Madhu Ankireddy, S. CH. V. A. Rao Annam, Saidulu Ravirala, Sushma Sukki, V. Raju Tuniki

Three new *ent*-isopimarane-type diterpenoids with unusual 3,4-seco (**1**) and seven membered lactone moieties (**1–2**), along with four known compounds (**4–7**) were isolated from the acetone extract of *Excoecaria agallocha*. Their structures were established as agallochaexcoerins D–F (**1–3**) by spectroscopic data interpretation and chemical evidence.

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Ajit Kumar Mahapatra*, Jagannath Roy, Prithidipa Sahoo, Subhra Kanti Mukhopadhyay, Avishek Banik, Debasish Mandal

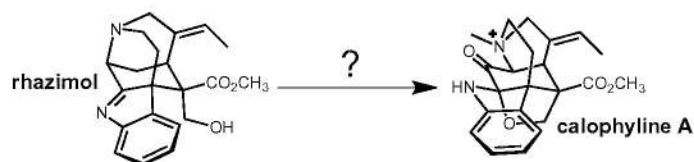


i+

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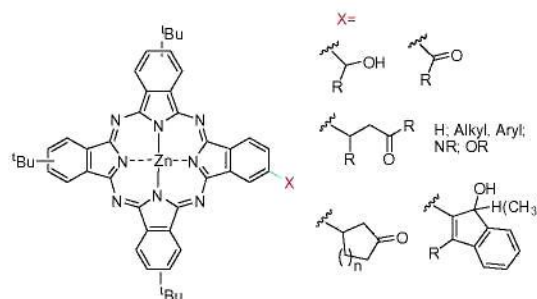


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Rhodium-catalyzed modification of phthalocyanines

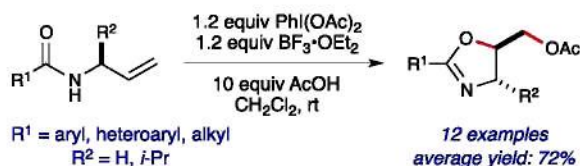
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Hasrat Ali, Johan E. van Lier*


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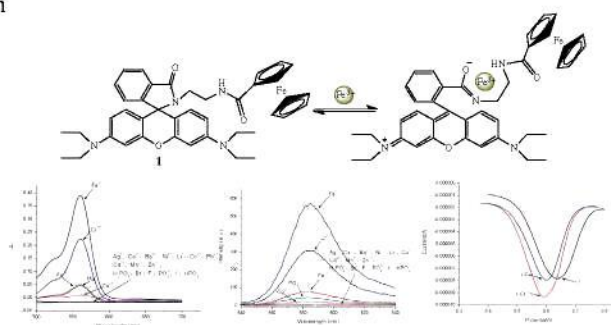


i+

A highly selective rhodamine-based optical–electrochemical multichannel chemosensor for Fe³⁺

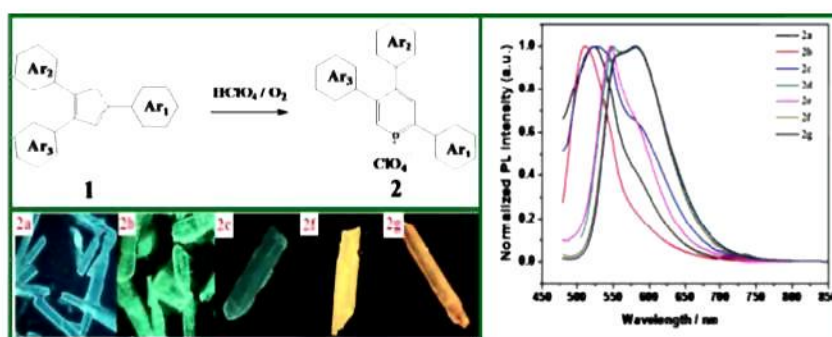
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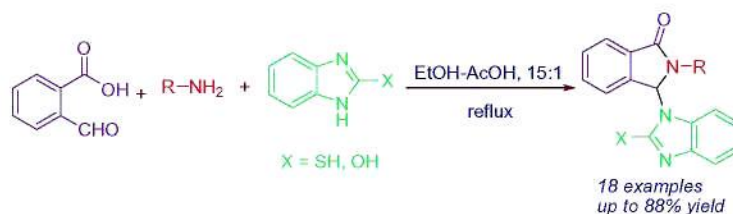
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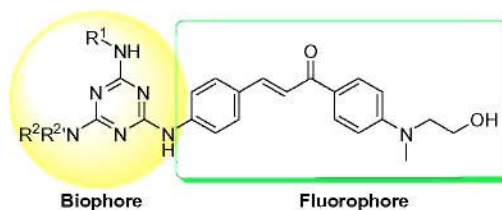
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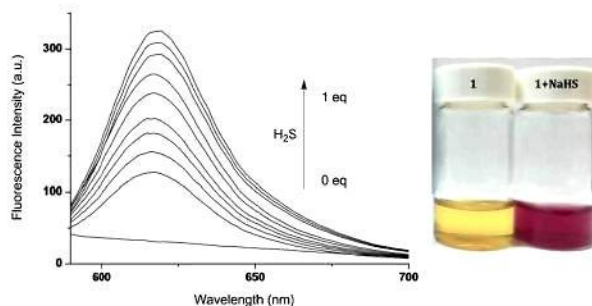
Sung-Chan Lee, Duanting Zhai, Young-Tae Chang*



A red emission fluorescent probe for hydrogen sulfide and its application in living cells imaging

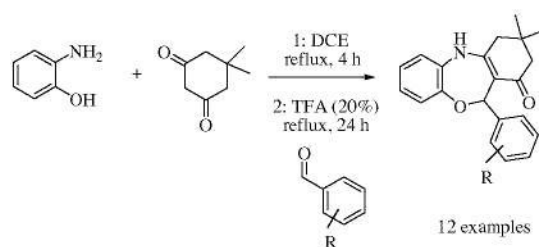
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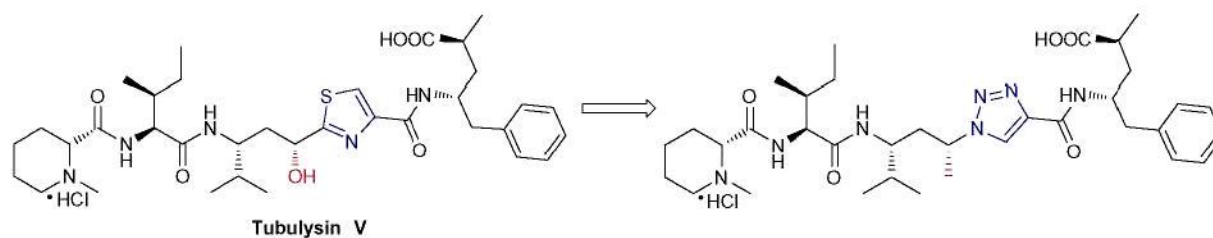
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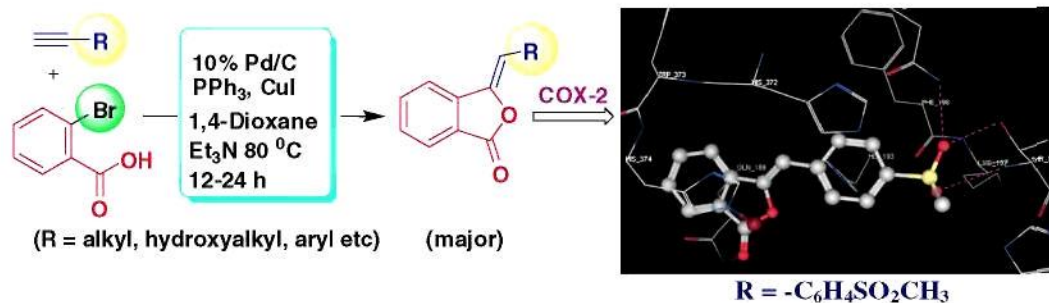
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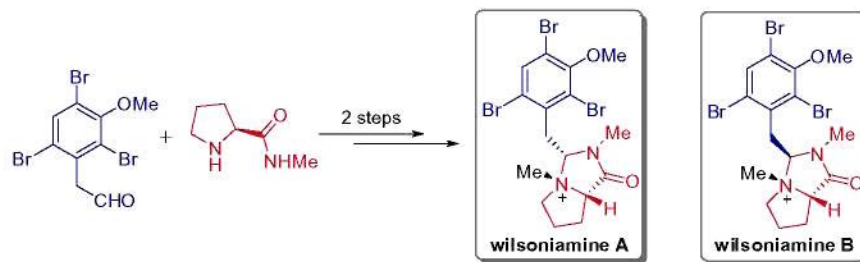
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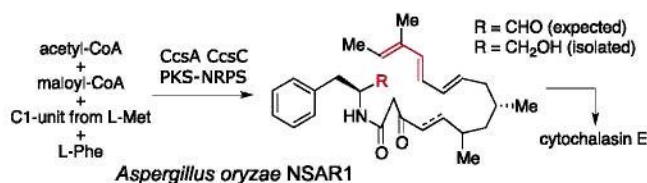
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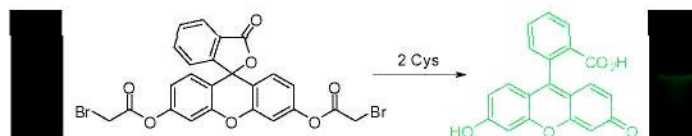
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Keum-Hee Hong, Soo-Yeon Lim, Mi-Yeon Yun, Joo-Won Lim, Je-Hyuk Woo, Hyockman Kwon, Hae-Jo Kim*



A bromoacetyl functionalized fluorescein probe showed a selective and sensitive response to cysteine through a rapid cyclization reaction.



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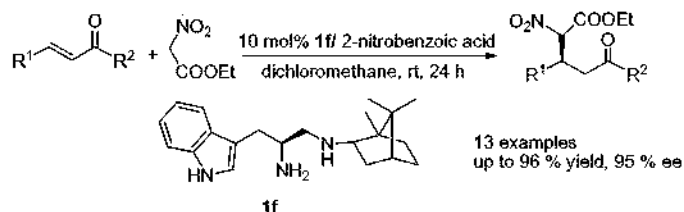
Siddan Gouthaman, Ponnusamy Shanmugam*, Asit Baran Mandal



Organocatalytic asymmetric Michael addition of ethyl nitroacetate to enones using natural amino acids-derived C₁-symmetric chiral primary–secondary diamines

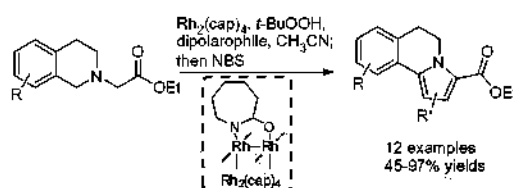
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Yirong Zhou, Qiang Liu, Yuefa Gong*


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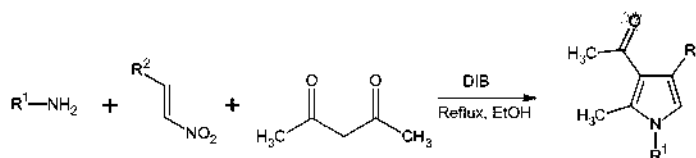
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Hong-Tu Wang, Chong-Dao Lu*


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Nikhil C. Jadhav, Prashant B. Jagadhane, Hemlata V. Patile, Vikas N. Telvekar*



*Corresponding author

Supplementary data available via SciVerse ScienceDirect

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