

Organic & Biomolecular Chemistry

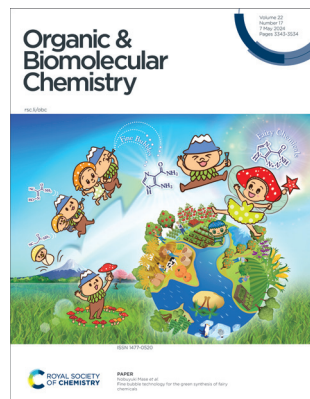
An international journal of synthetic, physical and biomolecular organic chemistry

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Cover

See Nobuyuki Mase *et al.*,
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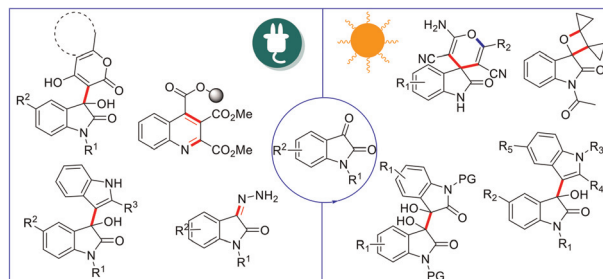
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REVIEW

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Electrochemical and photochemical reaction of isatins: a decade update

Nandini M. Gotgi, J. Saurab Jain, Rita Pal* and
Debashis Ghosh*

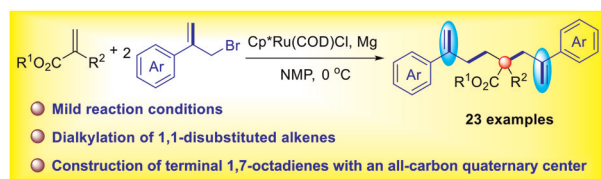


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Ru–Mg promoted reductive cross-coupling of allyl bromides and alkenes to synthesize 1,7-octadienes with an all-carbon quaternary center

Shurong Zhang, Xinjie Zhao and Guiping Qin*



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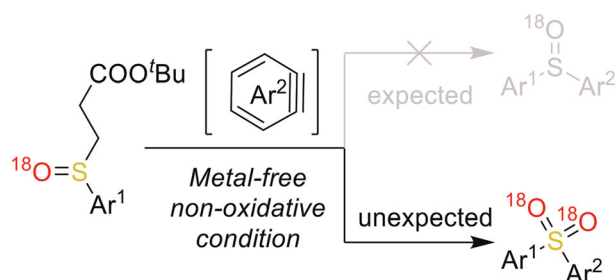
**Fundamental questions
Elemental answers**

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Generation of sulfones utilizing β -sulfinyl esters as masked aryl sulfinates under redox-neutral conditions

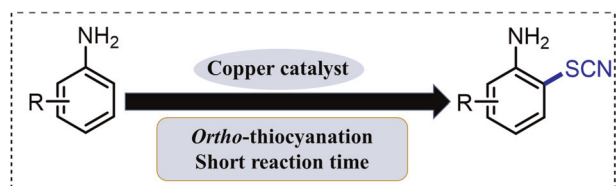
Yixin Zhang, Zhu Yang, Hongjun Yang, Xuefeng Li and Lu Yang*



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Copper-catalyzed *ortho*-thiocyanation of aromatic amines

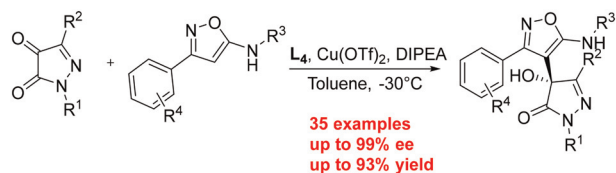
Monak Patel, Nitish Kumar, Hussain Bhukya, Bharatkumar Z. Dholakiya and Togati Naveen*



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A copper-catalyzed asymmetric Friedel–Crafts hydroxyalkylation of pyrazole-4,5-diones with 5-aminoisoxazoles

Siyu Gao, Xiang Sun, Sijie Peng, Zhenggen Zha, Qi Sun* and Zhiyong Wang*

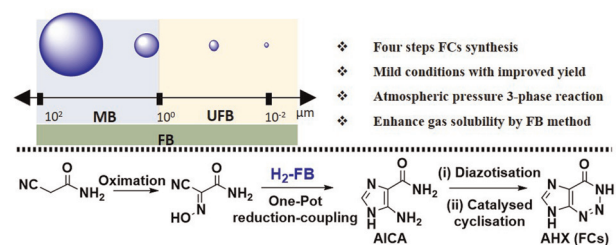


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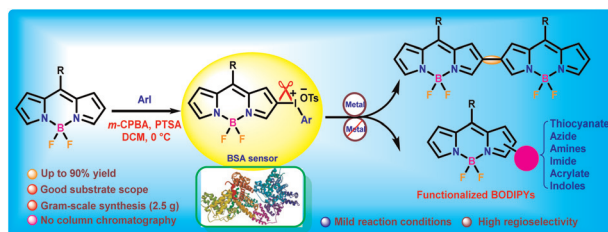
Fine bubble technology for the green synthesis of fairy chemicals

Arun Kumar Manna, Mizuki Doi, Keiya Matsuo, Hiroto Sakurai, Ch. Subrahmanyam, Kohei Sato, Tetsuo Narumi and Nobuyuki Mase*



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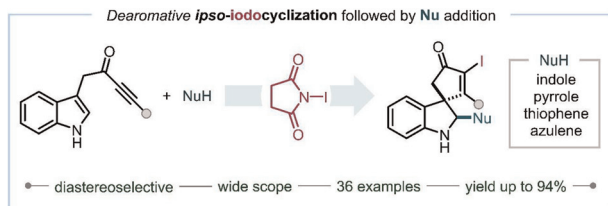
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BODIPY(aryl)iodonium salts in the efficient synthesis of diversely functionalized BODIPYs and selective detection of serum albumin

Bintu Kumar, Anindita Bhatta, Prakriti Saraf, Taur Prakash Pandurang, Krishnan Rangan, Madhushree Sarkar, Sivaprasad Mitra* and Dalip Kumar*

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Debojyoti Bag and Sanghapal D. Sawant*

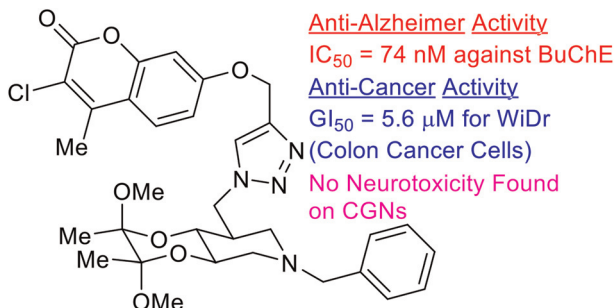
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Pengcheng Li, Jia-Lin Tu, Ao-Men Hu, Lin Guo, Chao Yang* and Wujiong Xia*

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Coumarin-azasugar-benzyl conjugates as non-neurotoxic dual inhibitors of butyrylcholinesterase and cancer cell growth

I. Caroline Vaaland Holmgard, Aday González-Bakker, Eleonora Poeta, Adrián Puerta, Miguel X. Fernandes, Barbara Monti, José G. Fernández-Bolaños, José M. Padrón*, Óscar López* and Emil Lindbäck*

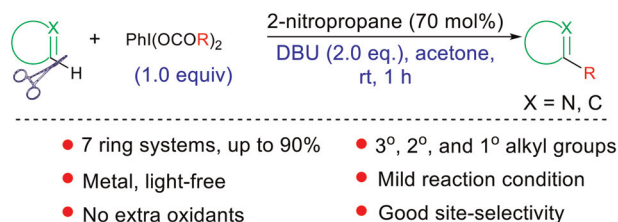


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Metal- and light-free decarboxylative direct C–H alkylation of heteroarenes at room temperature

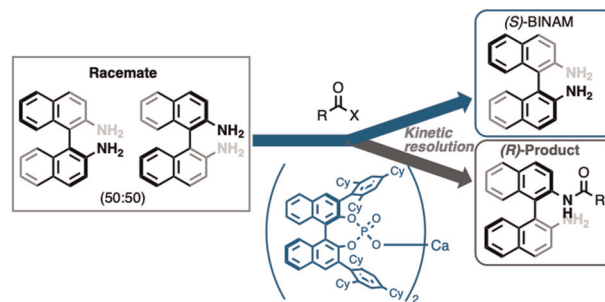
Tong-Bo Zhang, Xi-Dong Guan, Yan Gao, Shi-Chao Lu* and Bing-Long Li*



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Tatsuhiro Uchikura, Yuki Kanno, Yukino Fukuda, Mikoto Sato and Takahiko Akiyama*



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Rapid *in situ* generation of 2-(halomethyl)-5-phenylfuran and nucleophilic addition in a microflow reactor

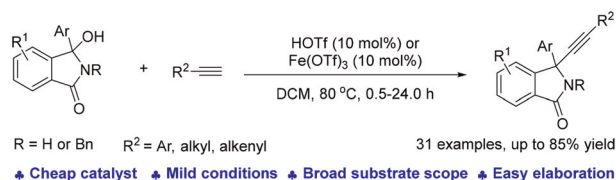
Yuma Matsuura and Shinichiro Fuse*



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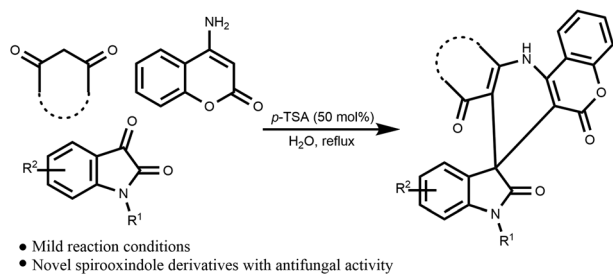
Dehydrative alkynylation of 3-hydroxyisoindolinones with terminal alkynes for the synthesis of 3-alkynylated 3,3-disubstituted isoindolinones

Kai-Cheng Yang, Shi-Lu Zheng, Zhong Wen, Yu-Shan Zhang, Hai-Liang Ni and Long Chen*



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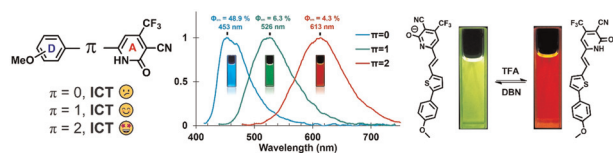
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A water mediated multicomponent reaction for the synthesis of novel spirooxindole derivatives and their antifungal activity

Min Zhang, Liang Shi, Li Chen, Zhengyu Liu, Ting Zhao, Chunyin Zhu* and Liuqing Yang*

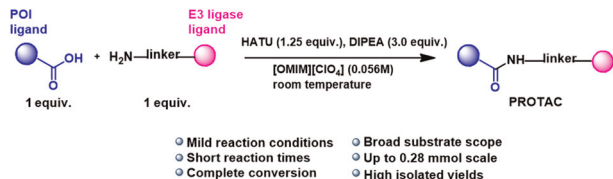
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New 2-pyridone-based donor–acceptor dyes: the effect of the donor group position, type of π -linker and acid–base characteristics of the medium on the photophysical properties

Saveliy P. Sorokin,* Mikhail Yu. Ilevlev and Oleg V. Ershov

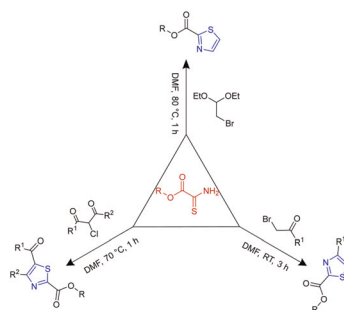
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Use of ionic liquids in amidation reactions for proteolysis targeting chimera synthesis

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Kalleshappa Sheela, Chikkappaiahnayaka Santhosh, Krishna Ravi Singh, Kalleshappa Sharath and Maralinganadoddi P. Sadashiva*

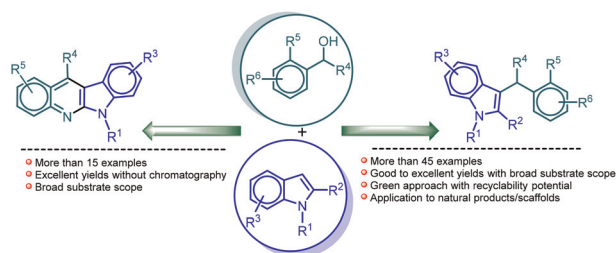


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HFIP-mediated C-3-alkylation of indoles and synthesis of indolo[2,3-*b*]quinolines & related natural products

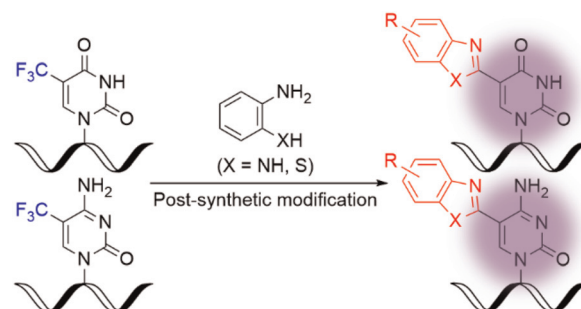
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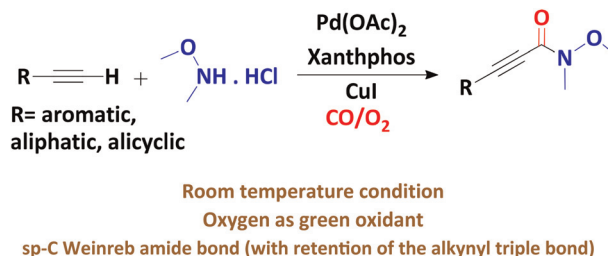
Yuta Ito, Hisato Tanaka, Ayana Murakami, Yasufumi Fuchi and Yoshiyuki Hari*



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Bharati Mourya, Sandip T. Gadge* and Bhalchandra M. Bhanage*



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A rhodium-catalyzed cascade C–H activation/annulation strategy for the expeditious assembly of pyrrolidinedione-fused 1,2-benzothiazines

Yinsong Wu, Guanghao Shi, Yanan Liu, Yangzilin Kong, Mengdi Wu, Demao Wang, Xiaobing Wu,* Yongjia Shang* and Xinwei He*

