

Organic & Biomolecular Chemistry

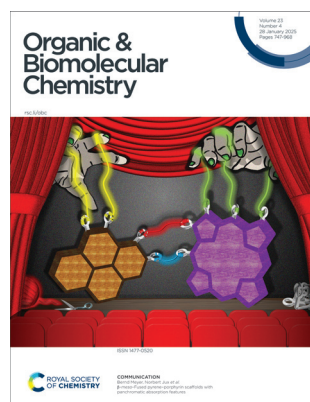
An international journal of synthetic, physical and biomolecular organic chemistry

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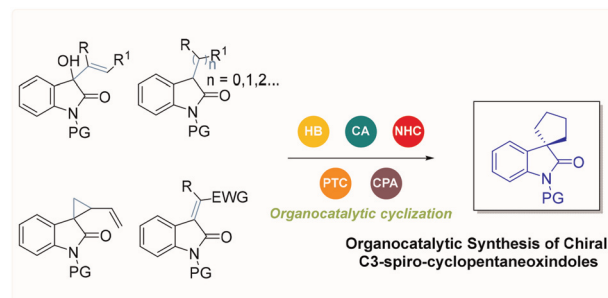
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REVIEWS

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Recent advances in the organocatalytic synthesis of chiral C3-spiro-cyclopentaneoxindoles

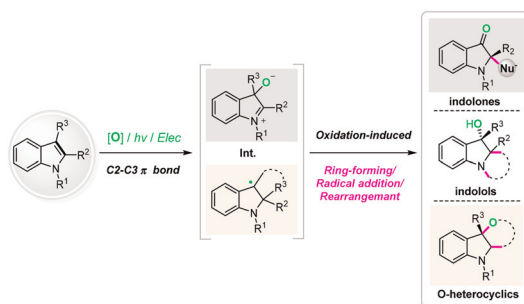
Yan-Qing Liu, Yan Wu, Bin Li, Xue Tang* and
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Recent advances in the oxidative activation of the C2–C3 π bond of indoles and its applications

Lemao Yu,* Ruonan Cai, Lujing Lv, Huaping Dong,
Yingjie Xu, Qiang Zhang and Runpu Shen*



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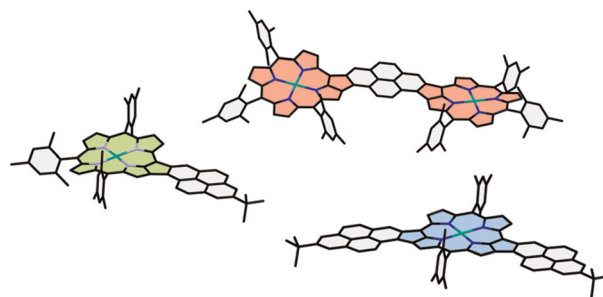
**Fundamental questions
Elemental answers**

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 β -meso-Fused pyrene–porphyrin scaffolds with panchromatic absorption features

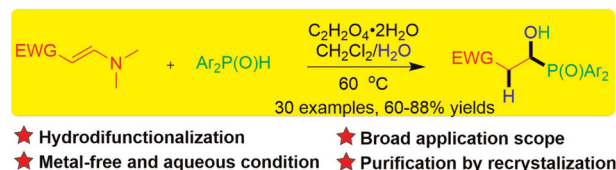
Christoph Oleszak, Christian L. Ritterhoff, Bernd Meyer* and Norbert Jux*



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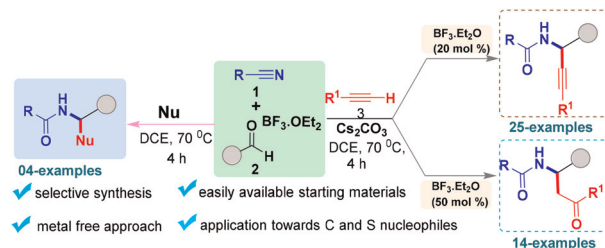
Dingsheng Cao, Jie-Ping Wan and Yunyun Liu*



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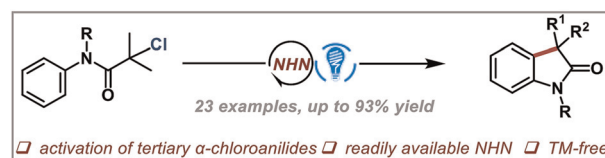
Sajjad Ahmed, Junaid Shafi Bandy and Qazi Naveed Ahmed*



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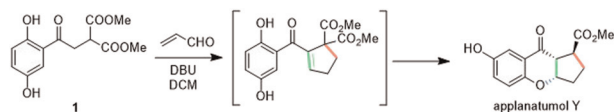
***N*-heterocyclic nitrenium-catalyzed photosynthesis of 3,3-disubstituted oxindoles from α -chloroanilides**

Kun-Quan Chen, Jia Zhang, De-Qun Sun,* Qiang Liu* and Xiang-Yu Chen*



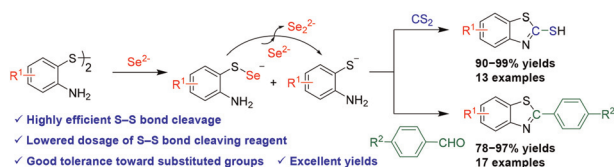
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**Concise total synthesis of (±)-applanatumol Y**

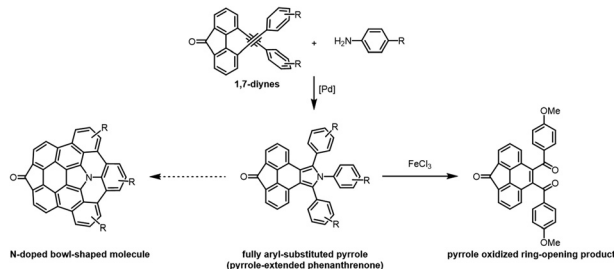
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Tian-Xing Zhang,* Er-Wei Zhang, Wen-Yue Zhang,
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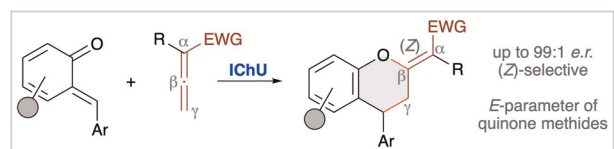
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Sha Yang, Jie Zhou, Ziyang Gan, Shuai Wu, Dan Shi,
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**Asymmetric isochalcogenourea-catalysed (4 + 2)-cycloadditions of *ortho*-quinone methides and allenates**

Anna Scheucher, Christoph Gross, Magdalena Piringier,
Johanna Novacek, Armin R. Ofial and Mario Waser*

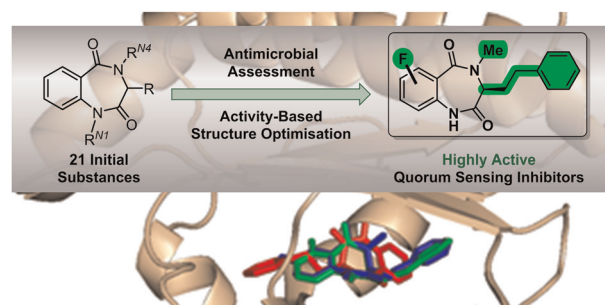


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Homophenylalanine-derived benzo[1,4]diazepine-2,5-diones are strong bacterial quorum sensing inhibitors

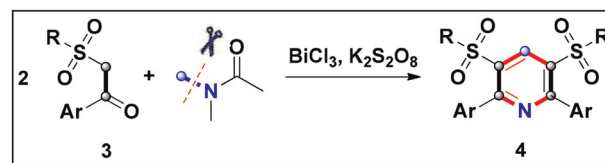
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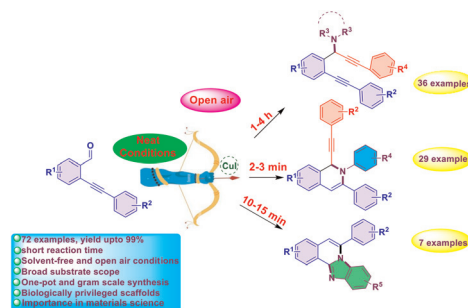
Meng-Yang Chang* and Chun-Yi Lin



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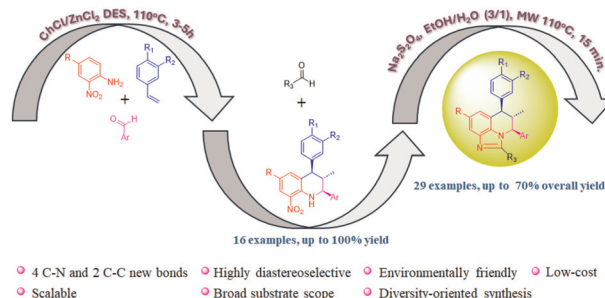
Anjali Chaturvedi, Vishal Sharma, Ravindra K. Rawal, Manpreet Singh* and Virender Singh*



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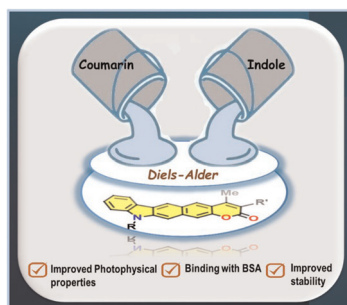
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Laura A. Heredia-Parra, Mónica C. Ávila-Murillo* and Cristian Ochoa-Puentes*



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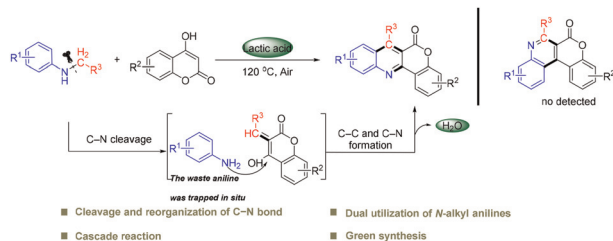
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Pentagon-embedded N-doped coumarinacenes: tandem synthesis and tunable photophysical attributes for biomolecular probing

Nitisha, Sonali Sahu and Venkatakrishnan Parthasarathy*

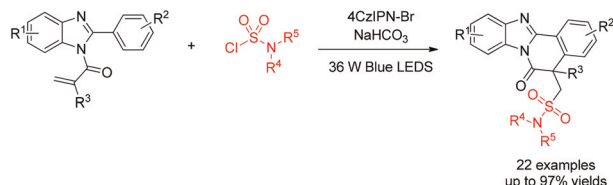
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A substrate-induced dual utilization cascade reaction of *N*-alkyl anilines: highly site-selective sustainable synthesis of chromeno[4,3-*b*]quinolin-6-ones

Zhou Zhang, Sihan Zhao, Yuanmin Wen, Guiyun Zeng, Minglong Yuan* and Chao Huang*

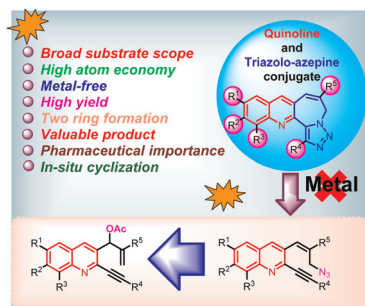
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Visible-light-induced cascade radical cyclization to access sulfamoylated benzo[4,5]imidazo[2,1-*a*]isoquinolin-6(5*H*)-ones

Rong Huang, Wenbo Wang, Kui Lu and Xia Zhao*

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Construction of five- and seven-membered rings facilitated by alkyne-azide functionality: access to quinoline fused triazolo-azepines

Vipin Kumar,* Jigar Panchal, Vishal Sharma, Shubham Sharma, Pooja Sharma and Virender Singh*

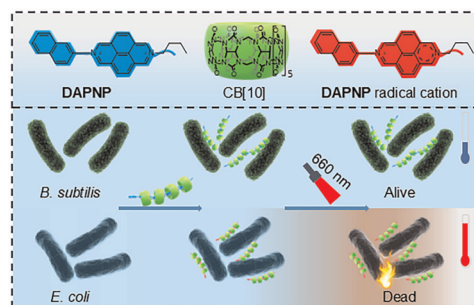


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A supramolecular diazapyrene radical assembly with NIR absorption for selective photothermal antibacterial activity

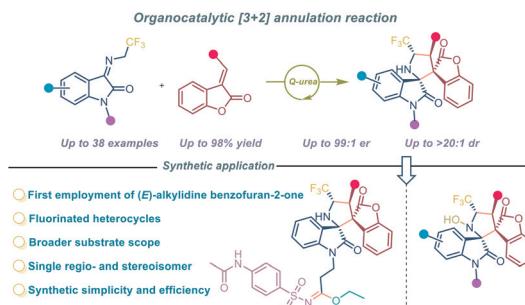
Xiang Yu, Chunmei Wang, Dongdong Sun and Simin Liu*



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Asymmetric synthesis of spiro[benzofuran-pyrrolidine]-indolinedione via bifunctional urea catalyzed [3 + 2]-annulation

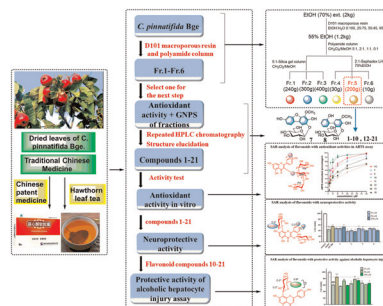
Sankar Bharani, Biddika Ananda Rao, L. Raju Chowhan, Raghavaiah Pallepogu and Madavi S. Prasad*



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Bioactive compounds from *Crataegus pinnatifida* Bge. leaves: potential health benefits

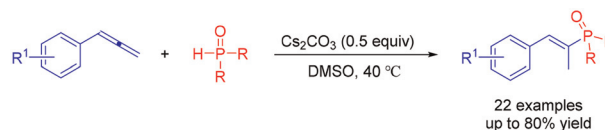
Rongrong Li, Gaohui Shi, Yue Liu, Xinxin Lin, Pinyi Gao, Fang Wang, Liqing Zhou and Lingzhi Li*



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Base promoted regio- and stereoselective hydrophosphinylation of allenes

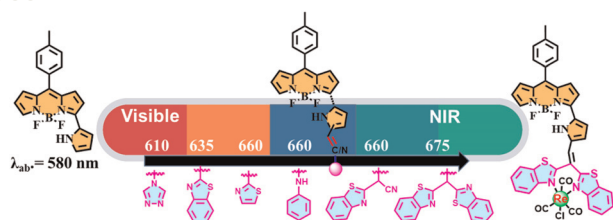
Fei-Min Zhu, Jia-Jie Pu, Zhen-Qiang Zhang* and Zhuang-Ping Zhan*



- Relatively broad substrate scope
- Exclusive regio- and stereoselectivity
- Transition-metal free and mild conditions



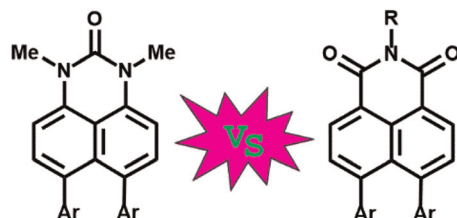
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Synthesis, structure, and spectral and electrochemical properties of new visible to NIR absorbing 3-pyrrolyl BODIPY derivatives

Kanhu Charan Behera,* Pinky Chauhan,
Shubham Tiwari and Mangalampalli Ravikanth*

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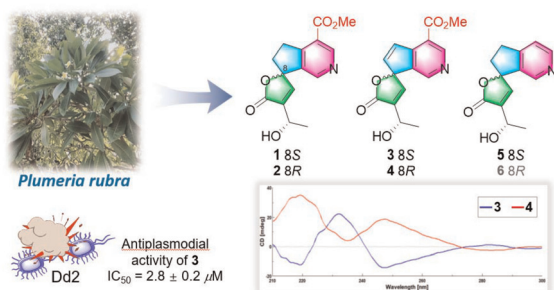


Synopsis

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