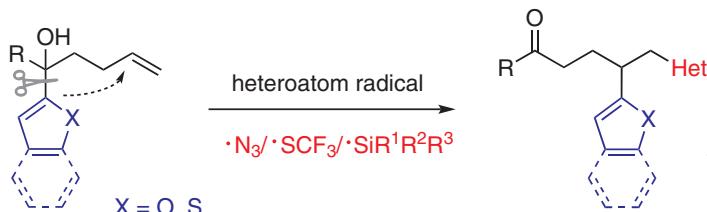


## Cluster

Radicals – by Young Chinese Organic Chemists

*Editor: Ang Li, Guest Editors: Chen Zhu, Xin-Yuan Liu*



● Addition of heteroatom radicals      ● Formation of C–Het and C–C bonds

Radical-Mediated Hetaryl Functionalization of Nonactivated Alkenes through Distal *ipso*-Migration of O- or S-Hetaryls

H. Zhang, M. Ji, Y. Wei, H. Chen, X. Wu, C. Zhu

4



Thieme

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Synlett 2021, 32, 329–336  
DOI: 10.1055/s-0040-1707326

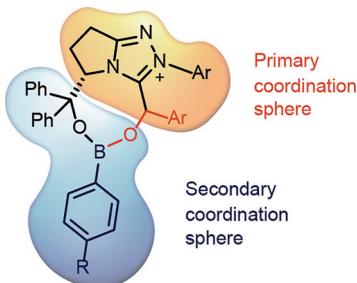
I. L. Zak  
S. C. Gadekar  
A. Milo\*

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Negev, Israel

## Designing the Secondary Coordination Sphere in Small-Molecule Catalysis

## Synpacts

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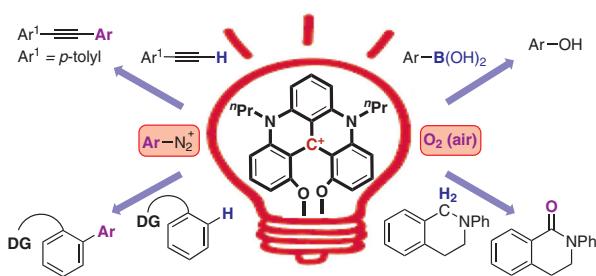
Synlett 2021, 32, 337–343  
DOI: 10.1055/s-0040-1705942

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T. Gianetti\*  
University of Arizona, USA

## Helical Carbenium Ion-Based Organic Photoredox Catalyst: A Versatile and Sustainable Option in Red-Light-Induced Reactions

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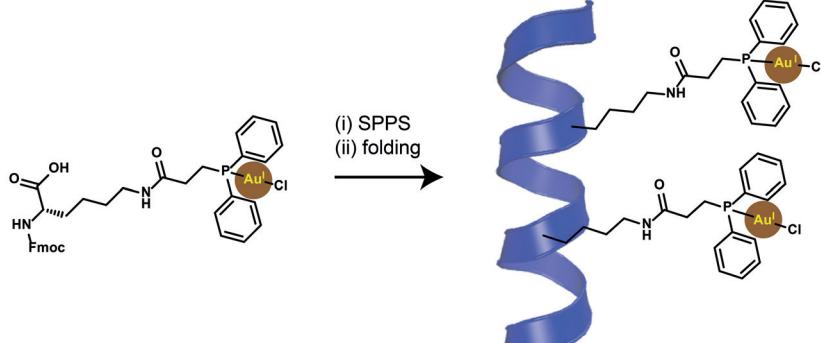
337



Synlett 2021, 32, 344–349  
DOI: 10.1055/a-1290-8412

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B. Kemper  
U. A. Hellmich  
P. Besenius\*

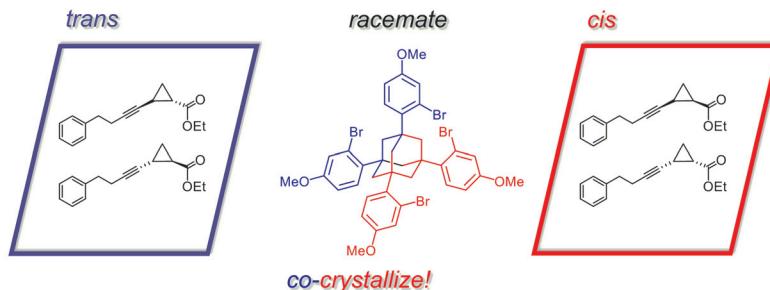
Johannes Gutenberg-University  
Mainz, Germany



Synlett 2021, 32, 350–353  
DOI: 10.1055/a-1293-9867

F. Krupp  
M.-I. Picher  
W. Frey  
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Synlett 2021, 32, 354–355  
DOI: 10.1055/s-0040-1706712

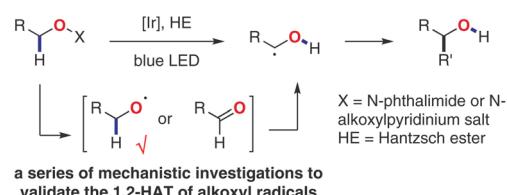
C. Zhu  
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Soochow University, P. R. of  
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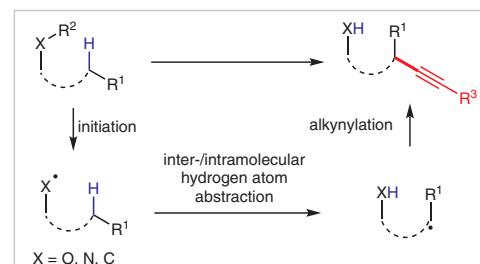
Shanghai Institute of Organic  
Chemistry, P. R. of China  
Hangzhou Institute for  
Advanced Study, P. R. of China

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H. Wei

Z.-L. Li\*

X.-Y. Liu\*

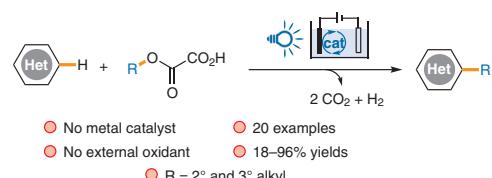
Southern University of Science  
and Technology, P. R. of China

F. Xu

X.-L. Lai

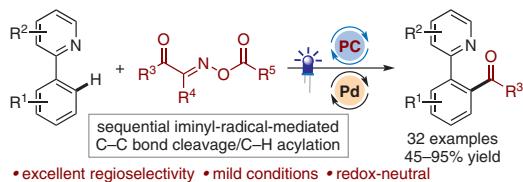
H.-C. Xu\*

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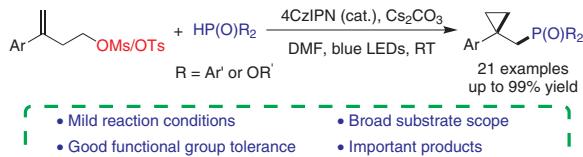
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Y. Gao  
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X.-P. Liu\*  
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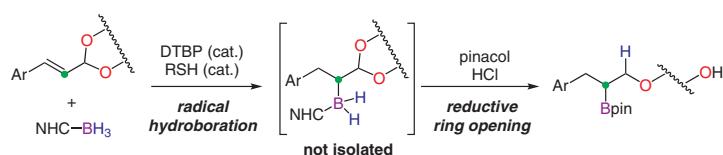
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J. Liu  
Q. Fu\*  
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D.-G. Yu\*

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Sichuan University, P. R. of China  
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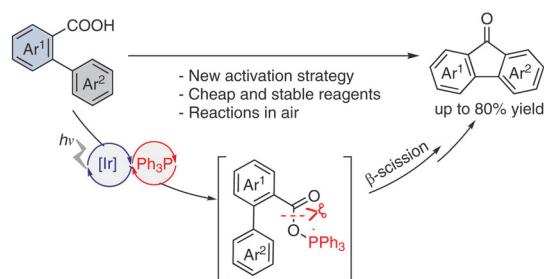
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J.-K. Jin  
F.-L. Zhang\*  
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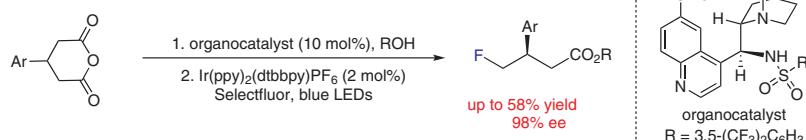
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**W. Xu**  
**C. Zhu\***  
**J. Xie\***

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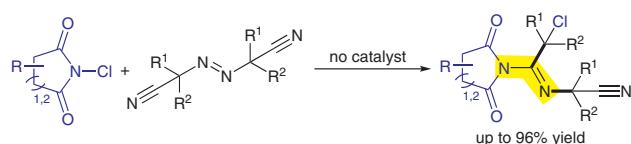
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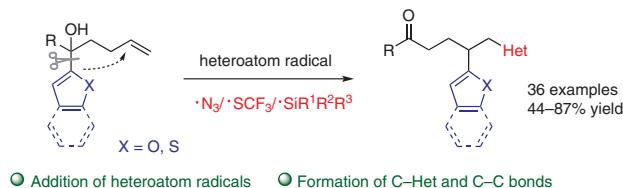
M. Ji

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- Metal-free, additive-free
- Mild conditions
- Anti-Markovnikov selectivity
- Atom- and step-economy
- >20 examples, 19–75% yields

N. Dua

S. Ghosh

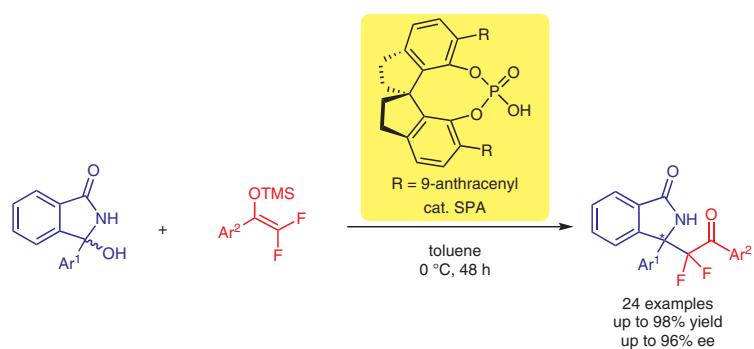
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