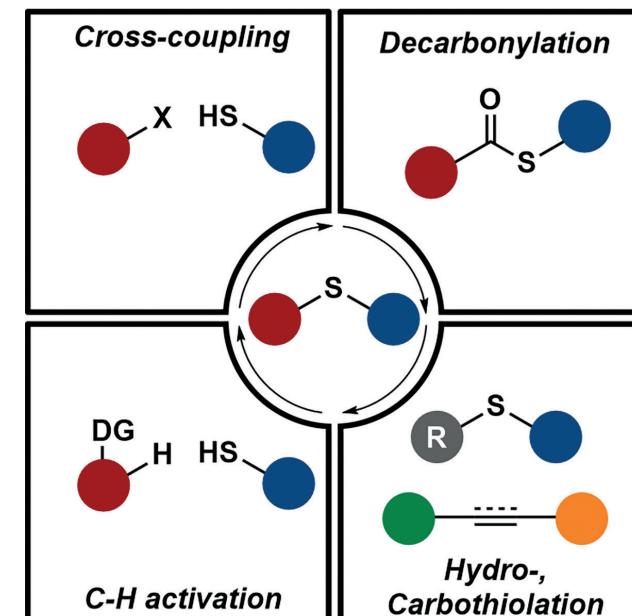


Synthesis

Reviews and Full Papers in Chemical Synthesis

December 1, 2022 • Vol. 54, 5139–5336



Recent Metal-Catalyzed Methods for Thioether Synthesis

V. J. Geiger, R. M. Oechsner, P. H. Gehrtz, I. Fleischer

23



Thieme

Synthesis

Recent Metal-Catalyzed Methods for Thioether Synthesis

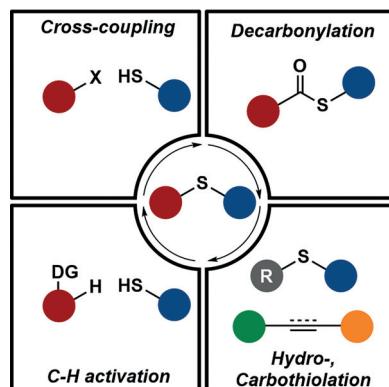
Review

5139

Synthesis 2022, 54, 5139–5167
DOI: 10.1055/a-1914-1231

V. J. Geiger
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Recent Advances for Chiral Sulfoxides in Asymmetric Catalysis

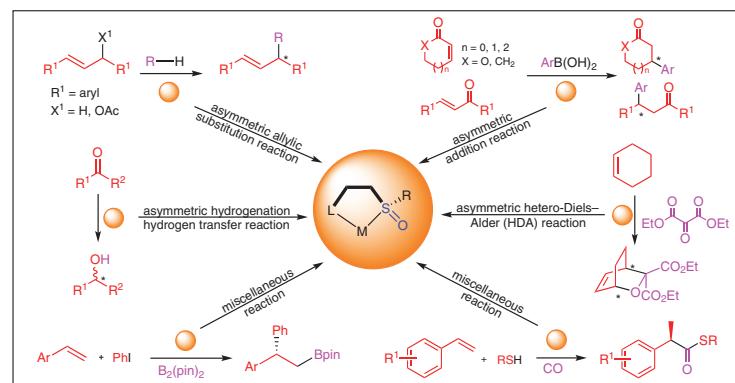
Short Review

5168

Synthesis 2022, 54, 5168–5185
DOI: 10.1055/a-1930-6979

M.-M. Yang
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Huanggang Normal University,
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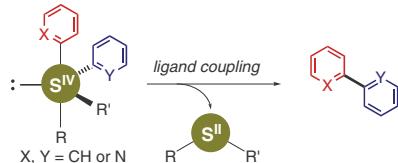


Synthesis**Recent Progress in C(sp²)–C(sp²) Bond Formation Using Ligand Coupling on Sulfur(IV)****Short Review**

5186

Synthesis 2022, 54, 5186–5191
DOI: 10.1055/a-1912-1029**T. Morofuji*****N. Kano***

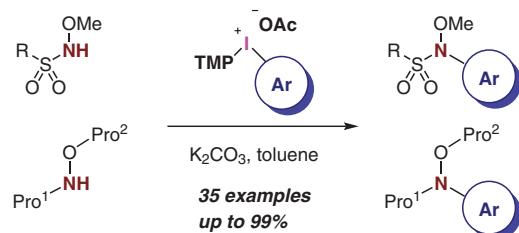
Gakushuin University, Japan

**Synthesis****Transition-Metal-Free *N*-Arylation of *N*-Methoxysulfonamides and *N,O*-Protected Hydroxylamines with Trimethoxyphenyliodonium (III) Acetates****Feature**

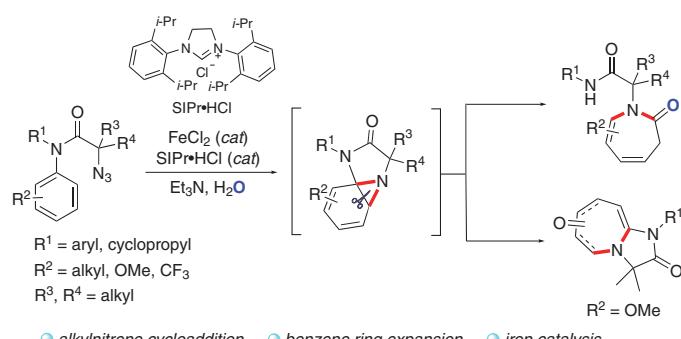
5192

Synthesis 2022, 54, 5192–5202
DOI: 10.1055/a-1922-8846**K. Kikushima*****A. Morita****E. E. Elboray****T. Bae****N. Miyamoto****Y. Kita*****T. Dohi***

Ritsumeikan University, Japan

**Synthesis****Iron-Catalyzed Benzene Ring Expansion of α -Azido-*N*-phenylamides****Feature**

5203

Synthesis 2022, 54, 5203–5214
DOI: 10.1055/a-1915-7916**K. Wei****M. Jiang****S. Liang****W. Yu***Lanzhou University,
P. R. of China

O. Hebert

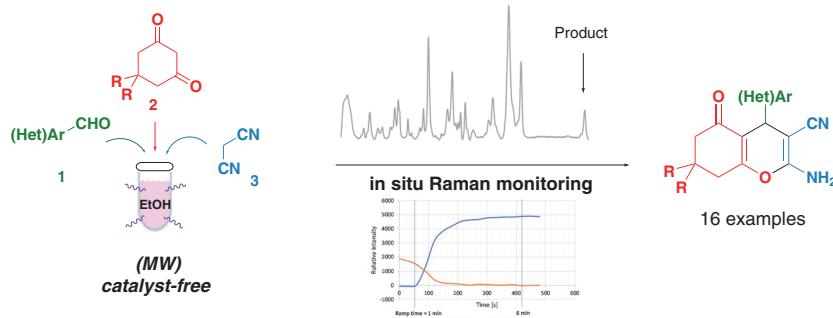
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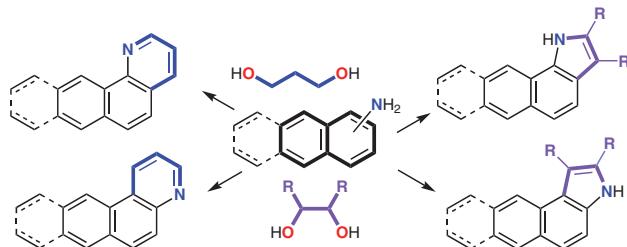
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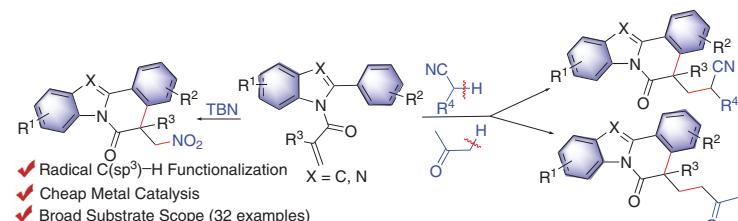
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Synthesis 2022, 54, 5245–5252
DOI: 10.1055/a-1899-5563

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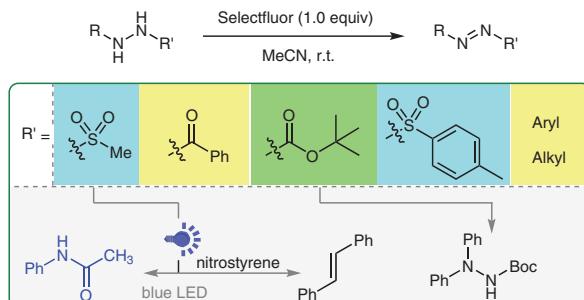
H. Wang

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Synthesis 2022, 54, 5253–5260
DOI: 10.1055/a-1894-8826

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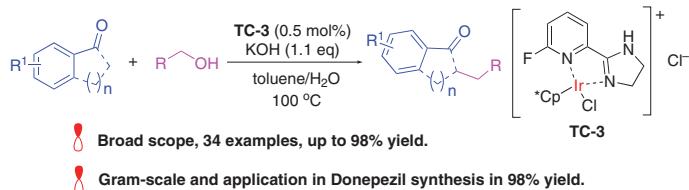
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Broad scope, 34 examples, up to 98% yield.

Gram-scale and application in Donepezil synthesis in 98% yield.

Synthesis 2022, 54, 5261–5272
DOI: 10.1055/s-0042-1751357

B. Wang

Y. Diao

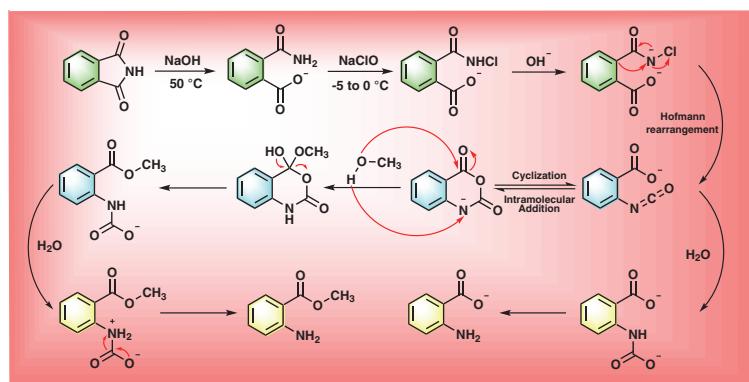
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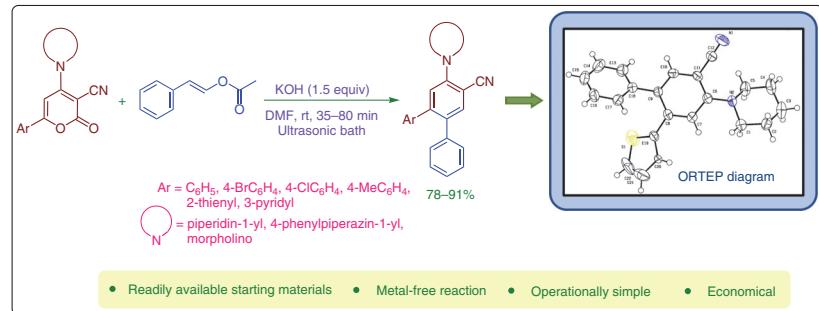
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Synthesis 2022, 54, 5273–5280
DOI: 10.1055/a-1856-1905

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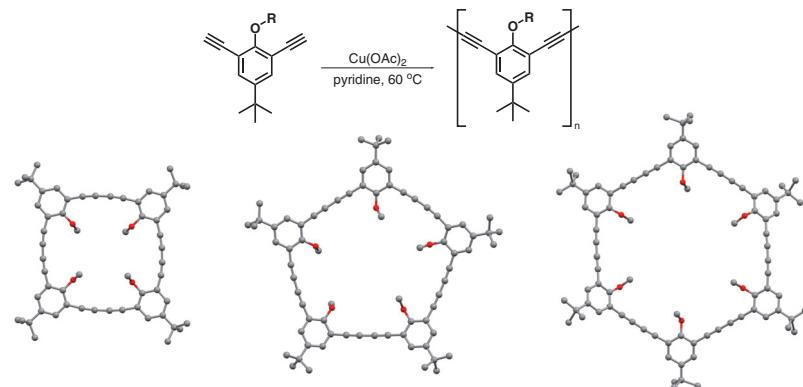
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Synthesis 2022, 54, 5281–5290
DOI: 10.1055/a-1900-3563

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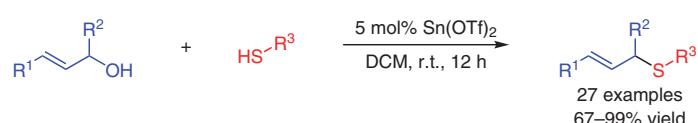
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Synthesis 2022, 54, 5291–5299
DOI: 10.1055/s-0041-1738424

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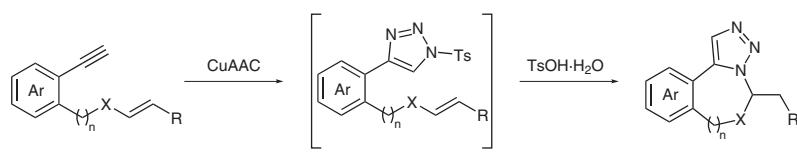
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Synthesis 2022, 54, 5300–5310
DOI: 10.1055/a-1892-0253

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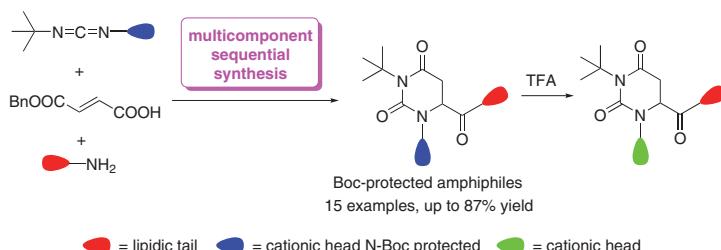


● One-pot reaction ● Novel N-alkyl 1,2,3-triazole-fused structure ● 23 Examples, up to 96% yield

Synthesis 2022, 54, 5311–5323
DOI: 10.1055/a-1913-3105

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Synthesis 2022, 54, 5324–5336
DOI: 10.1055/a-1916-4510

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