

Synthesis

Synthesis **2018**, *50*, 3947–3973
DOI: 10.1055/s-0037-1610209

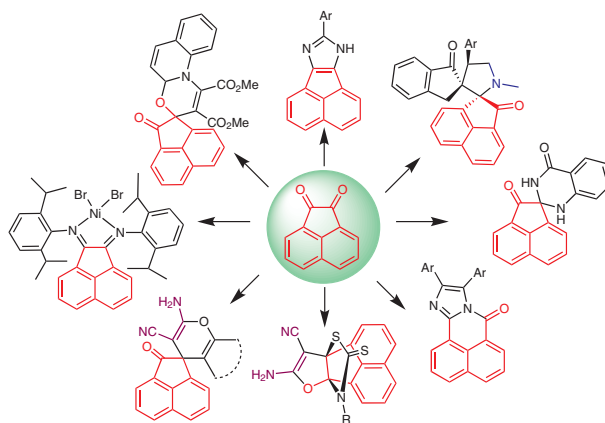
I. Yavari*
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Tarbiat Modares University, Iran

Recent Advances in the Synthesis of Hetero- and Carbocyclic Compounds and Complexes Based on Acenaphthylene-1,2-dione

Review

3947



Synthesis

Synthesis **2018**, *50*, 3974–3996
DOI: 10.1055/s-0037-1609941

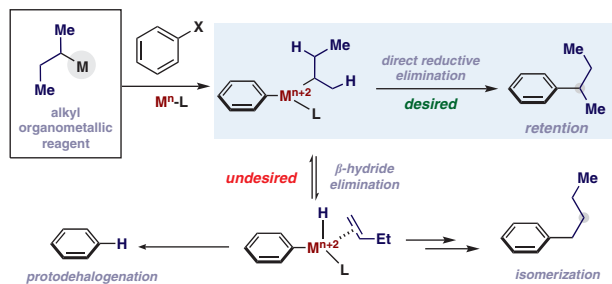
M. O'Neill*
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Retaining Alkyl Nucleophile Regiofidelity in Transition-Metal-Mediated Cross-Couplings to Aryl Electrophiles

Review

3974



Synthesis

Synthesis of 1,3-Diols by O-Nucleophile Additions to Activated Alkenes

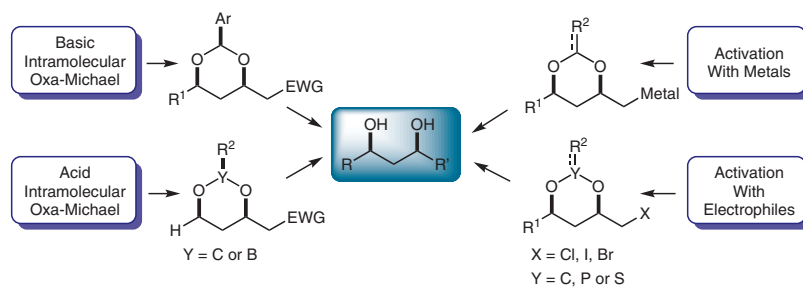
Short Review

3997

Synthesis **2018**, *50*, 3997–4007
DOI: 10.1055/s-0037-1610248

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Synthesis

Stereoselective Reactions of *ortho*-Quinone Methide and *ortho*-Quinone Methide Imines and Their Utility in Natural Product Synthesis

Short Review

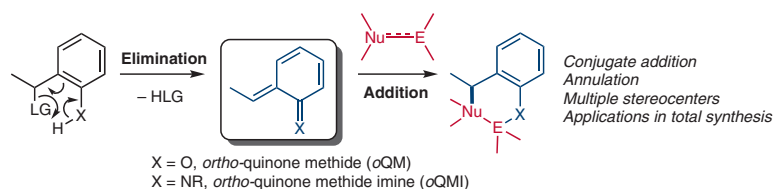
4008

Synthesis **2018**, *50*, 4008–4018
DOI: 10.1055/s-0037-1610241

C. D.-T. Nielsen
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Synthesis

Dichlorodioxomolybdenum(VI) Complexes: Useful and Readily Available Catalysts in Organic Synthesis

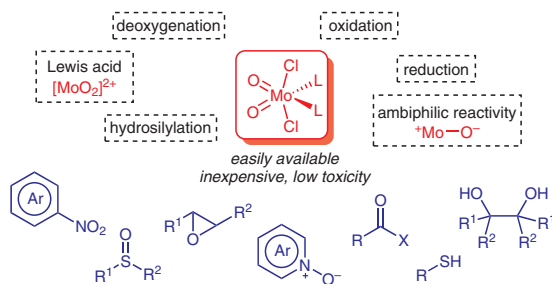
Short Review

4019

Synthesis **2018**, *50*, 4019–4036
DOI: 10.1055/s-0037-1610236

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Synthesis

Synthesis **2018**, *50*, 4037–4046
DOI: 10.1055/s-0037-1609945

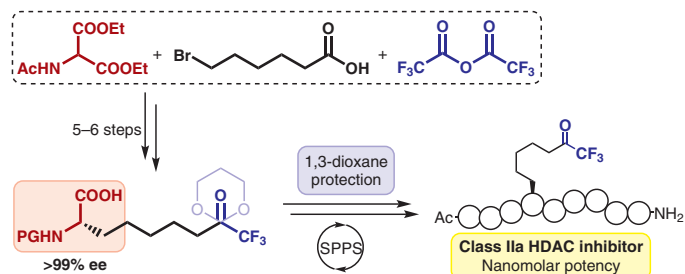
C. Moreno-Yruela
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Synthesis of Trifluoromethyl Ketone Containing Amino Acid Building Blocks for the Preparation of Peptide-Based Histone Deacetylase (HDAC) Inhibitors

Feature

4037



Synthesis

Synthesis **2018**, *50*, 4047–4054
DOI: 10.1055/s-0037-1610268

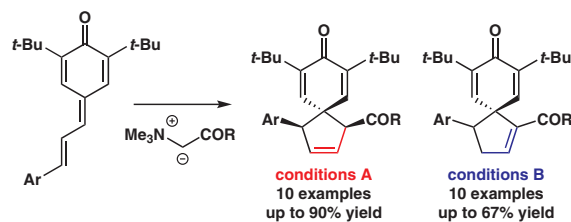
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Formal (4+1) Cyclization of Ammonium Ylides with Vinylogous *para*-Quinone Methides

Feature

4047



Synthesis

Synthesis **2018**, *50*, 4055–4062
DOI: 10.1055/s-0037-1609548

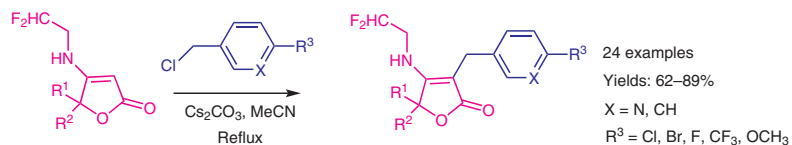
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L. Xinlei
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Cs₂CO₃-Promoted C-3 Alkylation of 4-[(2,2-Difluoroethyl)amino]-5,5-disubstituted Furan-2(5H)-ones with Heteroaryl Methyl Chlorides

Paper

4055



Synthesis

Synthesis **2018**, *50*, 4063–4070
DOI: 10.1055/s-0037-1610453

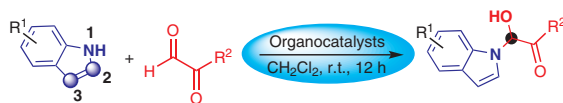
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Direct Preparation of Indole Hemiaminals through Organocatalytic Nucleophilic Addition of Indole to Aldehydes

Paper

4063



R^1 = alkyl, halogen, cyanide * yields up to 92% * 26 examples
 R^2 = OEt, aryl * readily available catalysts
* applicable in enantioselective fashion

Synthesis

Synthesis **2018**, *50*, 4071–4080
DOI: 10.1055/s-0037-1609576

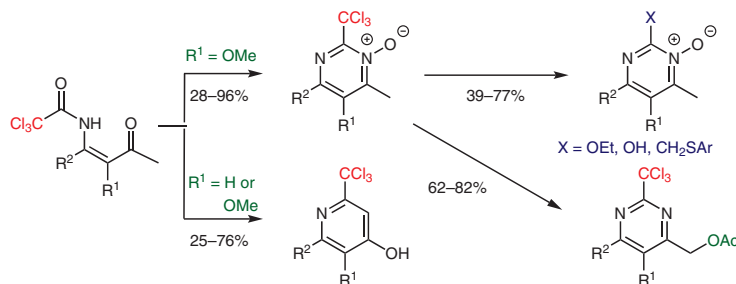
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M. Accorsi
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D. Reich
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Preparation and Reactions of Trichloromethyl-Substituted Pyridine and Pyrimidine Derivatives

Paper

4071



Synthesis

Synthesis **2018**, *50*, 4081–4088
DOI: 10.1055/s-0036-1591598

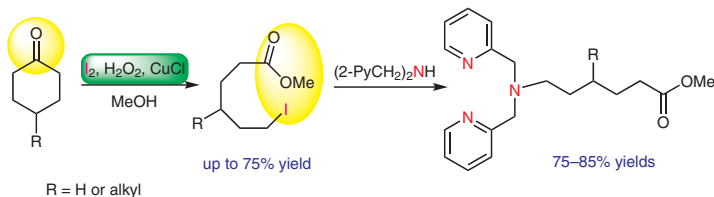
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Expedient Synthesis of Long-Chain ω -Substituted Fatty Acids and Esters from Cyclic Ketones Using Iodine and Hydrogen Peroxide

Paper

4081



Synthesis

Synthesis **2018**, *50*, 4089–4096
DOI: 10.1055/s-0037-1610212

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Direct Oxytosylation of 8-Amidoquinolines by Koser's Reagent: An Efficient Strategy for 5-Substituted 8-Amidoquinolines

Paper

4089



Synthesis

Synthesis **2018**, *50*, 4097–4103
DOI: 10.1055/s-0037-1610534

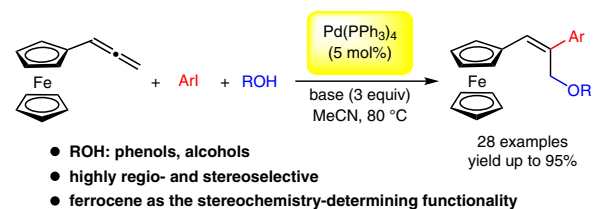
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H. Zhao
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Regio- and Stereoselective Palladium-Catalyzed Intermolecular Three- Component Aryletherification of Terminal Allenes

Paper

4097



Synthesis

Synthesis **2018**, *50*, 4104–4112
DOI: 10.1055/s-0037-1610540

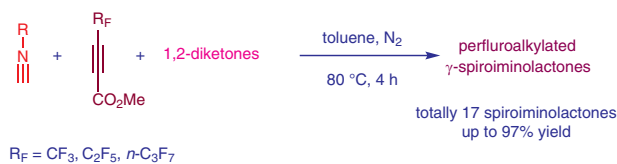
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Isocyanide-Based MCRs: Straightforward Access to Perfluoroalkylated γ -Spiroiminolactones

Paper

4104



Synthesis

Synthesis 2018, 50, 4113–4123
DOI: 10.1055/s-0037-1609585

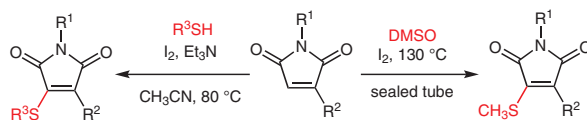
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Iodine-Promoted C(sp²)-H Thiolation of Maleimides with Dimethyl Sulfoxide and Thiols

Paper

4113



Synthesis

Synthesis 2018, 50, 4124–4132
DOI: 10.1055/s-0037-1610211

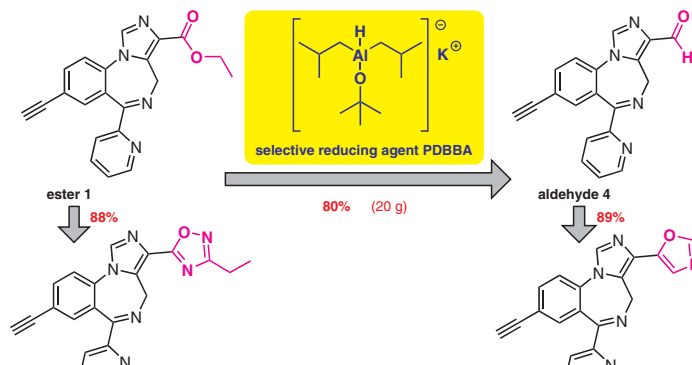
G. Li
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Improved Synthesis of Anxiolytic, Anticonvulsant, and Antinociceptive $\alpha 2/\alpha 3$ -GABA(A)-ergic Receptor Subtype Selective Ligands as Promising Agents to Treat Anxiety, Epilepsy, and Neuropathic Pain

Paper

4124



Synthesis

Synthesis 2018, 50, 4133–4139
DOI: 10.1055/s-0037-1610444

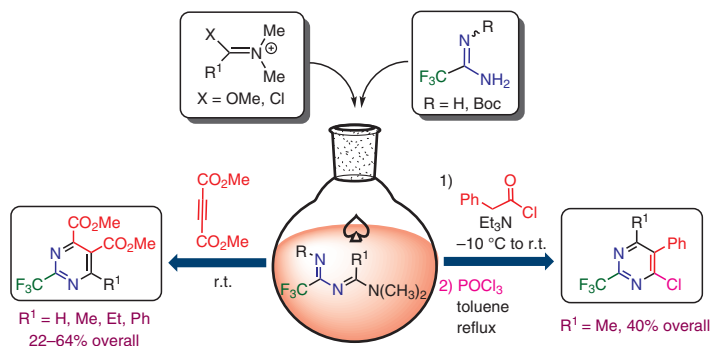
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2-Trifluoromethyl-1,3-diazabutadienes as Useful Intermediates for the Construction of 2-Trifluoromethylpyrimidine Derivatives

Paper

4133



Synthesis **2018**, *50*, 4140–4144
DOI: 10.1055/s-0037-1609562

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