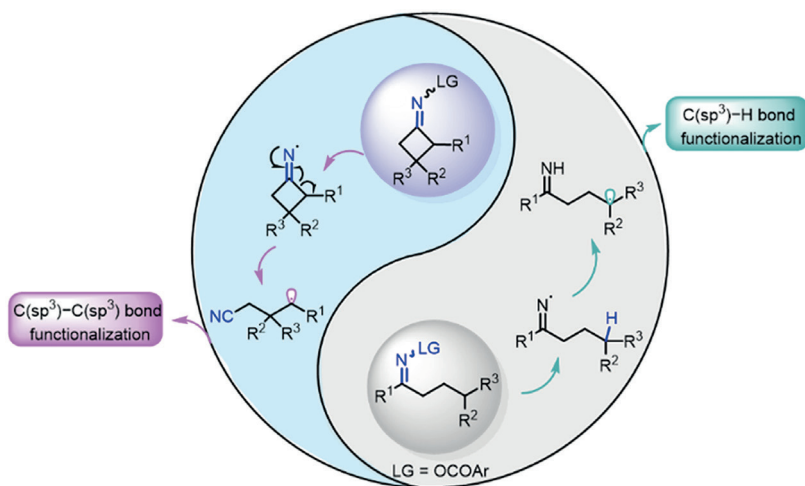


Synthesis

Reviews and Full Papers in Chemical Synthesis

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Recent Advance in Iminyl Radical Triggered C-H and C-C Bond Functionalization of Oxime Esters via 1,5-HAT and β -Carbon Scission

L. Liu, X.-H. Duan, L.-N. Guo

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Synthesis

Synthesis 2021, 53, 4313–4326
DOI: 10.1055/a-1538-8344

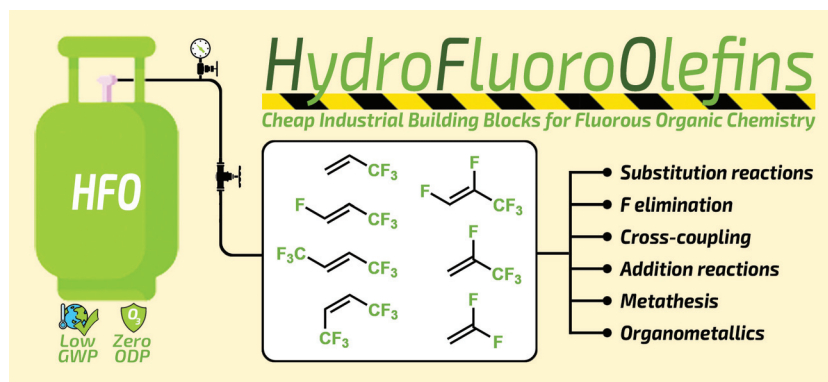
B. Varga
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Application of Industrially Relevant HydroFluoroOlefin (HFO) Gases in Organic Syntheses

Short Review

4313



Synthesis

Synthesis 2021, 53, 4327–4340
DOI: 10.1055/a-1533-3597

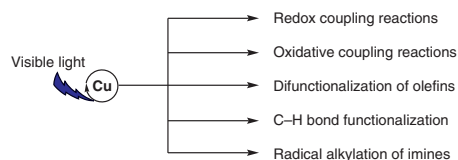
Y. Xiong
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Recent Advances in Visible-Light-Promoted Copper Catalysis in Organic Reactions

Short Review

4327



Synthesis

Synthesis 2021, 53, 4341–4352
DOI: 10.1055/a-1533-3085

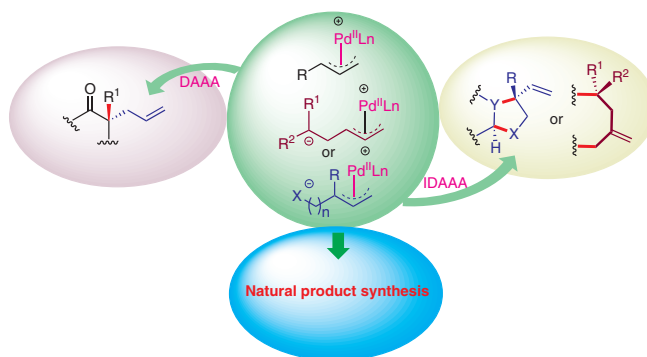
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T. Zhang
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Recent Advances in the Construction of Quaternary Stereocenters via Palladium-Catalyzed Decarboxylative Asymmetric Allylic Alkylation

Short Review

4341



Synthesis

Synthesis 2021, 53, 4353–4374
DOI: 10.1055/a-1543-3743

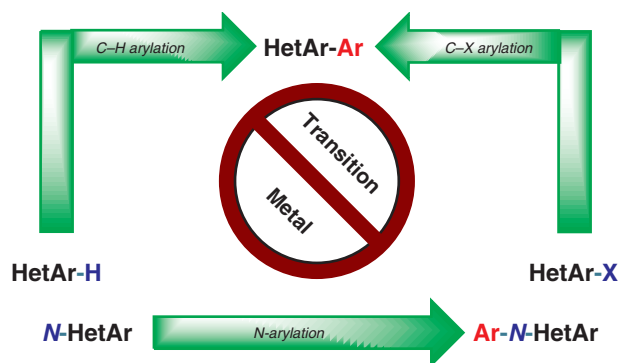
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Recent Advances in the Transition-Metal-Free Arylation of Heteroarenes

Short Review

4353



Synthesis

Synthesis 2021, 53, 4375–4388
DOI: 10.1055/a-1545-6874

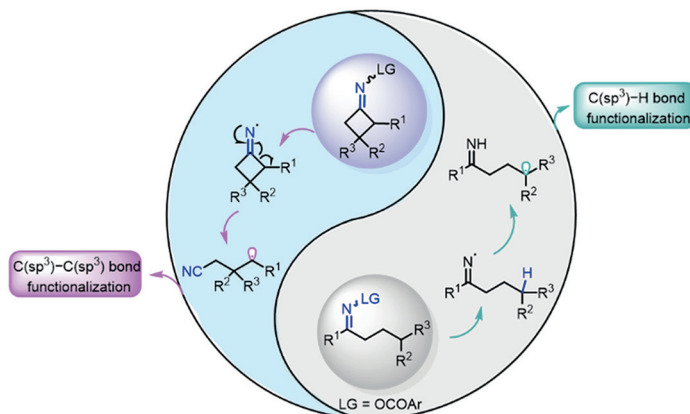
L. Liu
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Recent Advance in Iminyl Radical Triggered C–H and C–C Bond Functionalization of Oxime Esters via 1,5-HAT and β -Carbon Scission

Short Review

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Synthesis

Advances in the Semi-Synthesis of Triterpenoids

Short Review

Synthesis 2021, 53, 4389–4408
DOI: 10.1055/a-1543-9719

4389

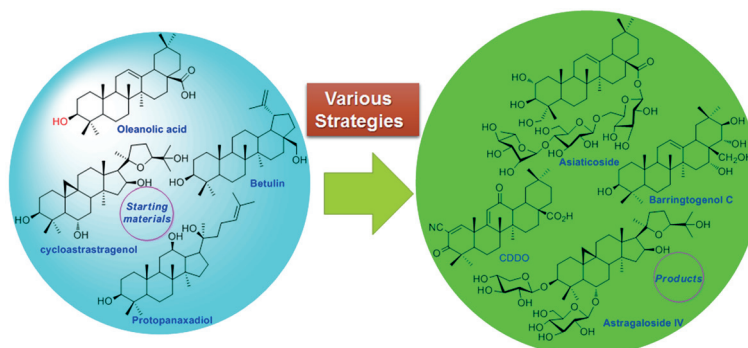
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Synthesis

Organophosphane-Catalyzed Construction of Functionalized 2-Ylideneoxindoles via Direct β -Acylation

Feature

4409

Synthesis 2021, 53, 4409–4418
DOI: 10.1055/a-1549-1082

W.-C. Jeng

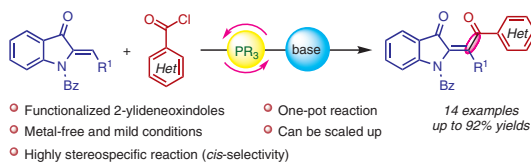
P.-C. Chien

S. S. Vagh

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Synthesis

Visible-Light Photocatalytic Ugi/Aza-Wittig Cascade towards 2-Aminomethyl-1,3,4-oxadiazole Derivatives

Feature

4419

Synthesis 2021, 53, 4419–4427
DOI: 10.1055/a-1543-3924

C. Russo

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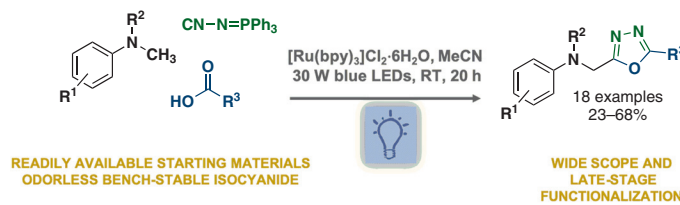
P. Luciano

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Synthesis

Synthesis 2021, 53, 4428–4432
DOI: 10.1055/s-0040-1720389

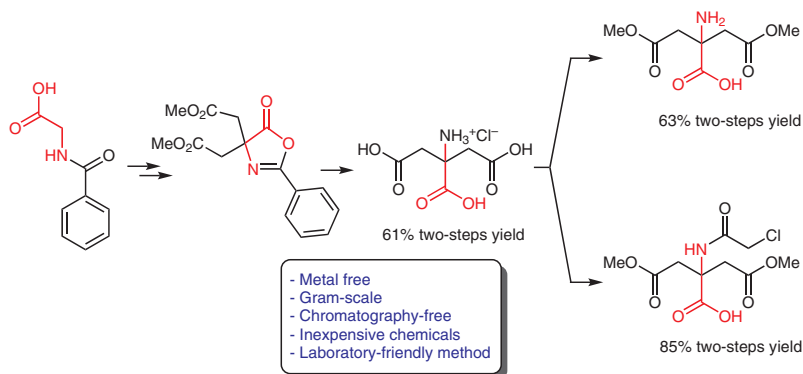
A. V. Nizovtsev*
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A Facile Synthesis of 2-Aminopropane-1,2,3-tricarboxylic Acid and Its Symmetrical Dimethyl Ester

PSP

4428



Synthesis

Synthesis 2021, 53, 4433–4439
DOI: 10.1055/a-1550-7659

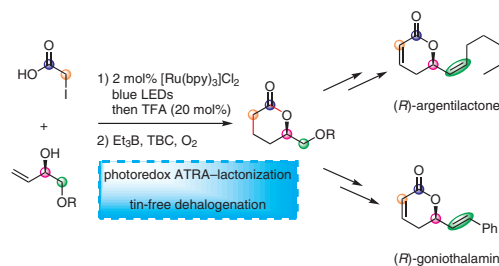
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Total Synthesis of (*R*)-Argentilactone and (*R*)-Goniothalamine Using a Free-Radical Photoredox Approach to α,β -Unsaturated δ -Lactones

Paper

4433



Synthesis

Synthesis 2021, 53, 4440–4448
DOI: 10.1055/a-1538-9883

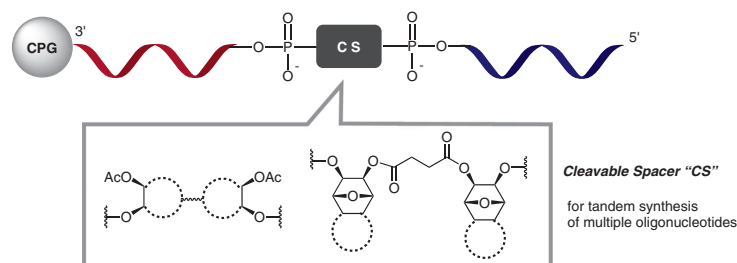
K. Yamamoto
Y. Fuchi
M. Okabe
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New Cleavable Spacers for Tandem Synthesis of Multiple Oligonucleotides

Paper

4440



Synthesis

Synthesis 2021, 53, 4449–4460
DOI: 10.1055/a-1548-8362

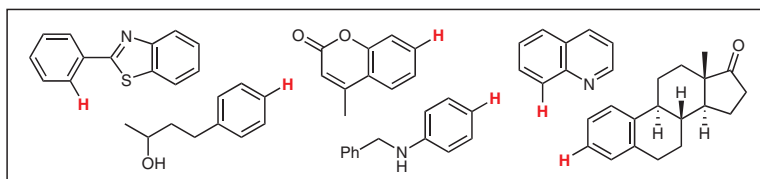
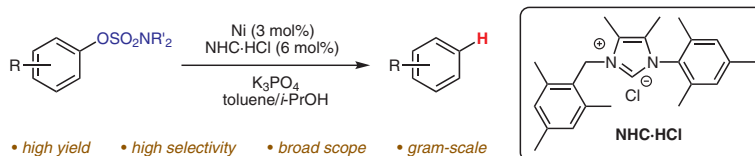
K. Matsuo
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Nickel-Catalyzed Hydrodeoxygenation of Aryl Sulfamates with Alcohols as Mild Reducing Agents

Paper

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Synthesis

Synthesis 2021, 53, 4461–4476
DOI: 10.1055/a-1551-4093

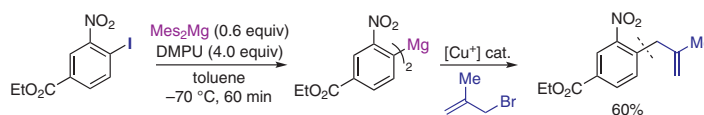
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Preparation of Functionalized Diorganomagnesium Reagents in Toluene via Bromine or Iodine/Magnesium-Exchange Reactions

Paper

4461



Synthesis

Synthesis 2021, 53, 4477–4483
DOI: 10.1055/a-1545-7706

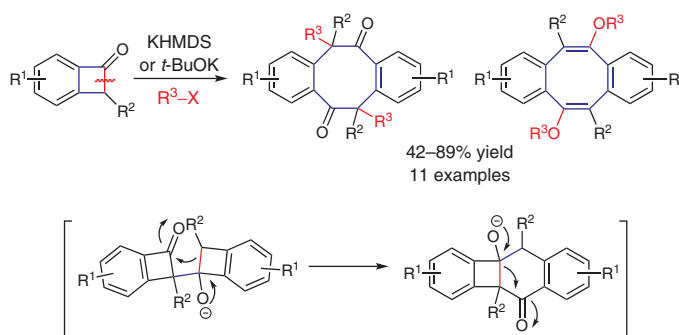
Y. Huang
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Synthesis of Dibenzo[*a,e*]cyclooctene-5,11(6*H*,12*H*)-diones via the Elusive Benzocyclobutenone Anion

Paper

4477



Synthesis

A Diastereoselective Route to Benzoannulated Bridged Sultams

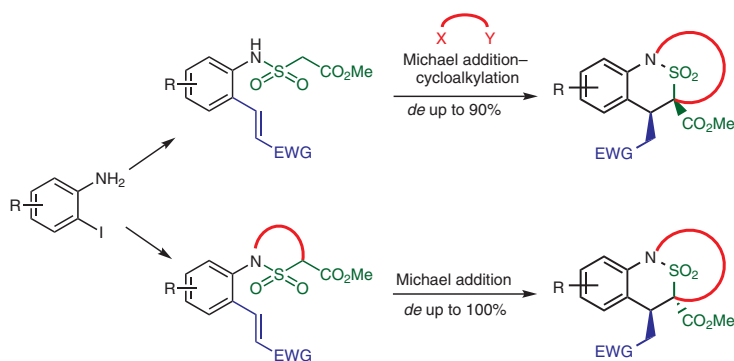
Paper

4484

Synthesis 2021, 53, 4484–4494
DOI: 10.1055/a-1531-2176

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Synthesis

Convenient Synthesis of Benzofuro[3,2-*b*]quinolines from 1-Azadienes and Arynes

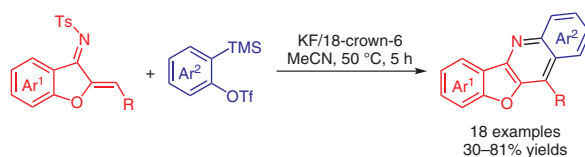
Paper

4495

Synthesis 2021, 53, 4495–4500
DOI: 10.1055/a-1550-3451

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Synthesis

Synthesis of Longhorn Beetle Pheromone Components by Proline-Mediated α -Hydroxylation of Alkyl Ketones

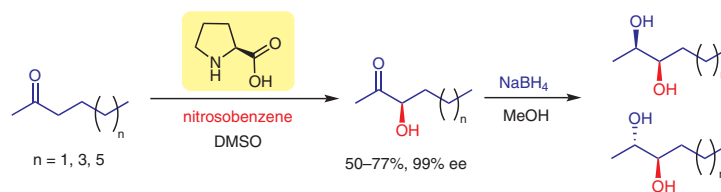
Paper

4501

Synthesis 2021, 53, 4501–4506
DOI: 10.1055/a-1541-4939

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Synthesis

Synthesis 2021, 53, 4507–4515
DOI: 10.1055/a-1533-6872

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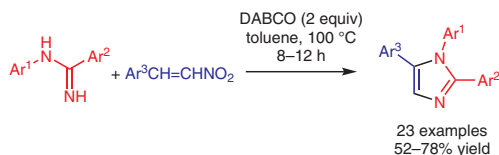
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DABCO-Promoted [3+2] Annulation for Efficient Synthesis of 1,2,5-Triaryl-1*H*-imidazoles from Substituted β -Nitrostyrenes and *N*-Arylbenzimidamides

Paper

4507



Synthesis

Synthesis 2021, 53, 4516–4524
DOI: 10.1055/a-1545-7563

N. Luo

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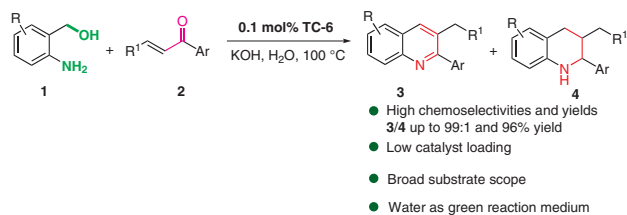
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Iridium-Catalyzed Transfer Hydrogenation for Construction of Quinolines from 2-Aminobenzyl Alcohols with Enones in Water

Paper

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Synthesis

Errata

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