Synthesis

Reviews and Full Papers in Chemical Synthesis

2020
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Synthesis **2020**, *52*, 479–488
DOI: 10.1055/s-0039-1690720

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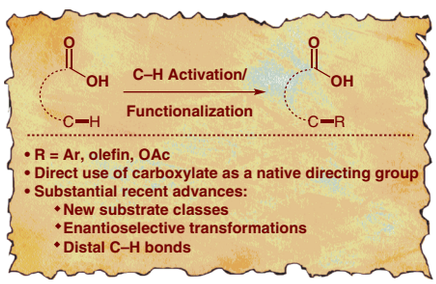

Synthesis **2020**, *52*, 489–503
DOI: 10.1055/s-0039-1690703

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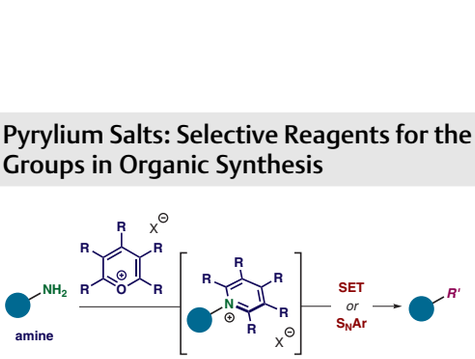

Synthesis

Selective Reduction of Carbonyl Compounds via (Asymmetric) Transfer Hydrogenation on Heterogeneous Catalysts

Short Review

504

Synthesis **2020**, *52*, 504–520
DOI: 10.1055/s-0039-1691542

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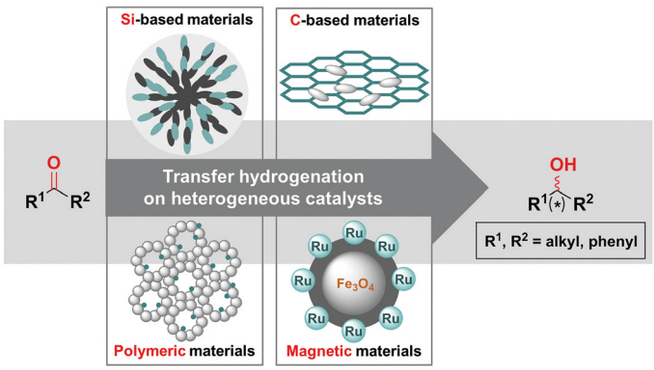

Synthesis

π-Hole Interactions with Various Nitro Compounds Relevant for Medicine: DFT Calculations and Surveys of the Cambridge Structural Database (CSD) and the Protein Data Bank (PDB)

Paper

521

Synthesis **2020**, *52*, 521–528
DOI: 10.1055/s-0039-1690209

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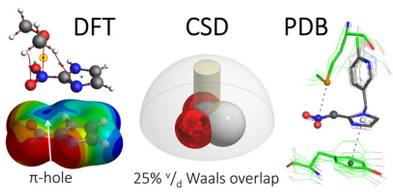

Synthesis

Allylic C–H Alkynylation via Copper-Photocatalyzed Cross-Dehydrogenative Coupling

Paper

529

Synthesis **2020**, *52*, 529–536
DOI: 10.1055/s-0039-1690014

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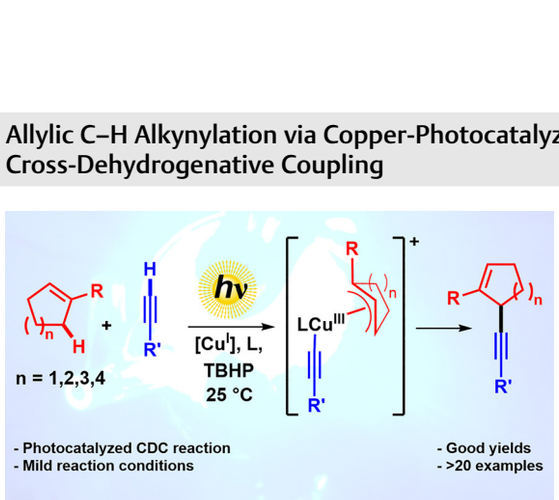

Synthesis

Solid-Phase Zincke Reaction for the Synthesis of Peptide-4,4′-bipyridinium Conjugates

Paper

537

Synthesis **2020**, *52*, 537–543
DOI: 10.1055/s-0039-1690016

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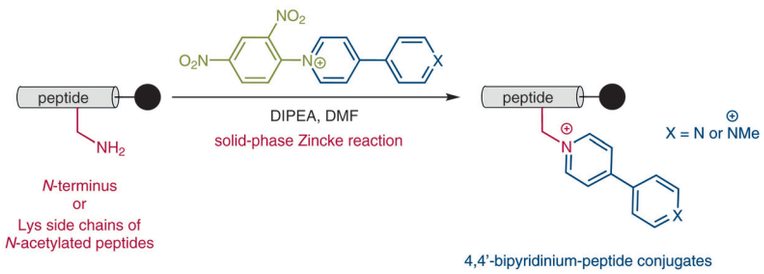

Synthesis

Copper-Catalyzed Aerobic Oxidative Alkynylation of 3,4-Dihydroquinoxalin-2-ones

Paper

544

Synthesis **2020**, *52*, 544–552
DOI: 10.1055/s-0039-1690244

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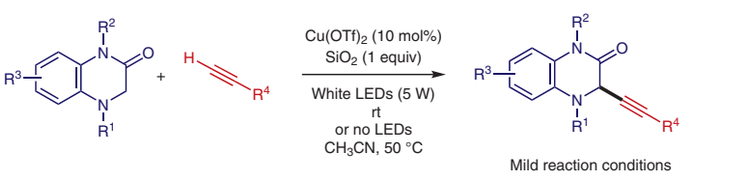

Synthesis

Formal [8+3]-Annulation between Azaoxyallyl Cations and Tropones

Paper

553

Synthesis **2020**, *52*, 553–564
DOI: 10.1055/s-0039-1690745

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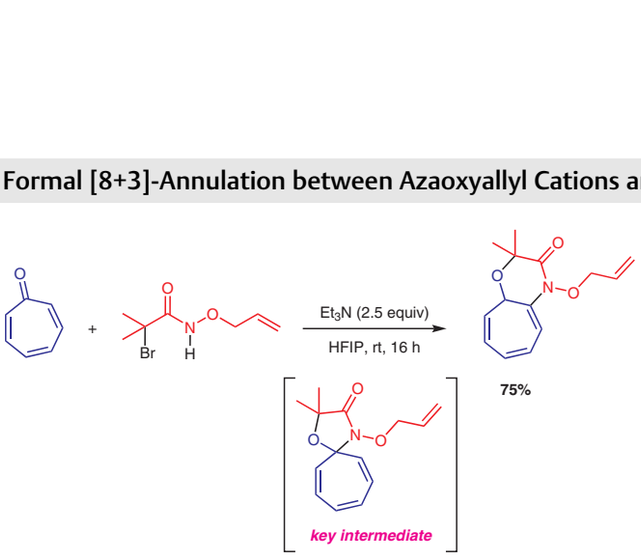

Synthesis

Synthesis **2020**, *52*, 565–573
DOI: 10.1055/s-0039-1690045

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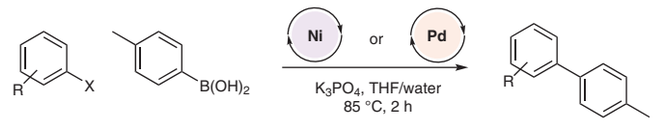
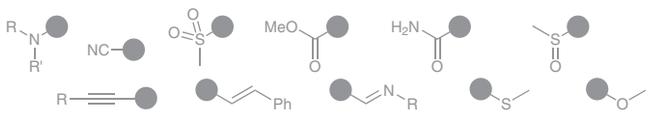
Nickel versus Palladium in Cross-Coupling Catalysis: On the Role of Substrate Coordination to Zerovalent Metal Complexes

Paper
565



How do functional groups affect selectivity or inhibit reactions?



Synthesis

Synthesis **2020**, *52*, 574–580
DOI: 10.1055/s-0039-1690048

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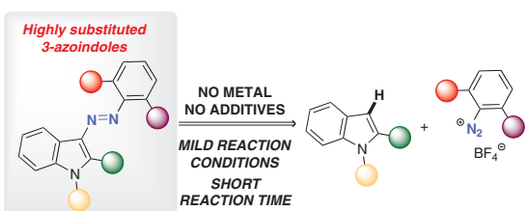
Highly Efficient Synthesis of Hindered 3-Azoindoles *via* Metal-Free C–H Functionalization of Indoles

Paper
574



Synthesis

Synthesis **2020**, *52*, 581–590
DOI: 10.1055/s-0039-1690265

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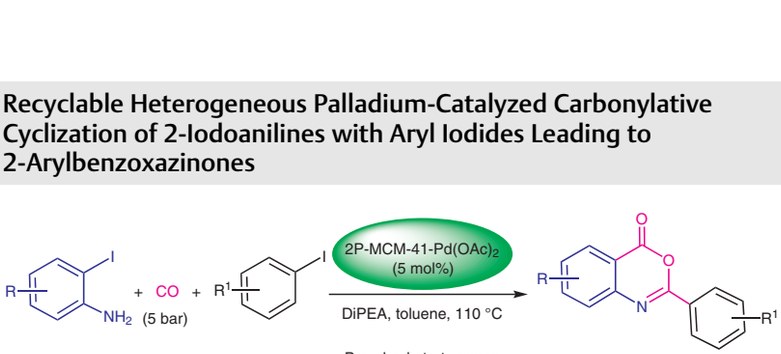
Recyclable Heterogeneous Palladium-Catalyzed Carbonylative Cyclization of 2-Iodoanilines with Aryl Iodides Leading to 2-Arylbenzoxazinones

Paper
581



Synthesis

Synthesis **2020**, *52*, 591–601
DOI: 10.1055/s-0039-1690239

A Greener Approach for the Chemoselective Boc Protection of Amines Using Sulfonated Reduced Graphene Oxide as a Catalyst in Metal- and Solvent-Free Conditions

Paper

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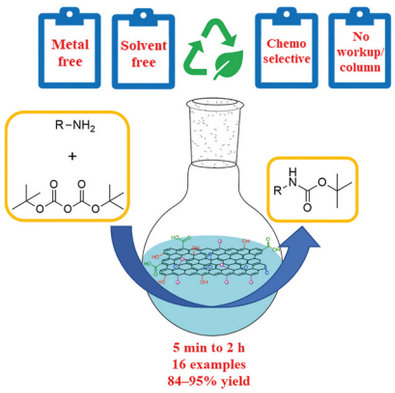

Synthesis

Synthesis **2020**, *52*, 602–608
DOI: 10.1055/s-0039-1690243

BF_3·OEt_2-Catalyzed Synthesis of *anti*-β-(*N*-Arylamino)-α-hydroxynitriles by Regio- and Diastereospecific Ring Opening of 3-Aryloxirane-2-carbonitriles with Anilines

Paper

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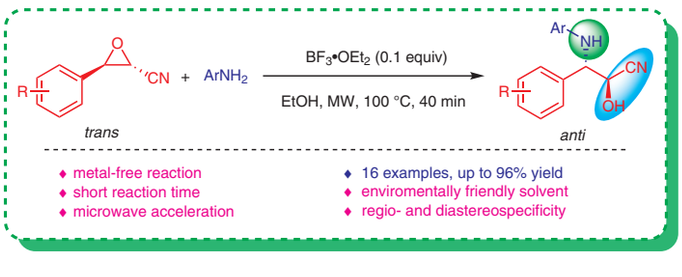

Synthesis

Synthesis **2020**, *52*, 609–618
DOI: 10.1055/s-0039-1690746

Halogen-Radical-Promoted Dearomative Aza-Spirocyclization of Alkynylimines: An Efficient Approach to 3-Halo-Spirocyclohexa-dienones

Paper

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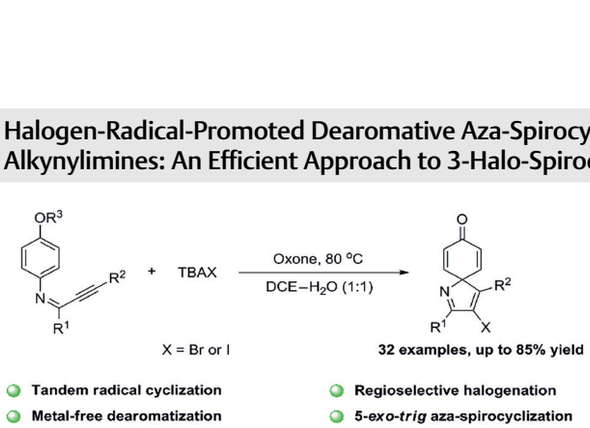

Synthesis

Synthesis **2020**, *52*, 619–628
DOI: 10.1055/s-0039-1691069

A Green Nanopalladium-Supported Catalyst for the Microwave-Assisted Direct Synthesis of Xanthones

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