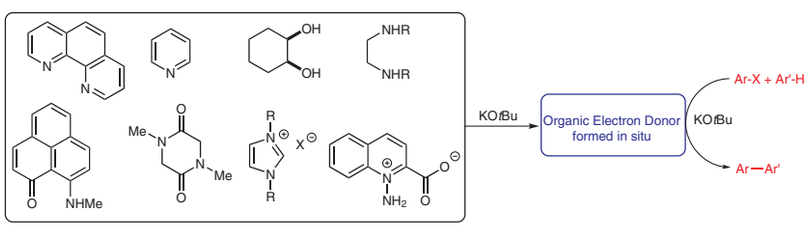
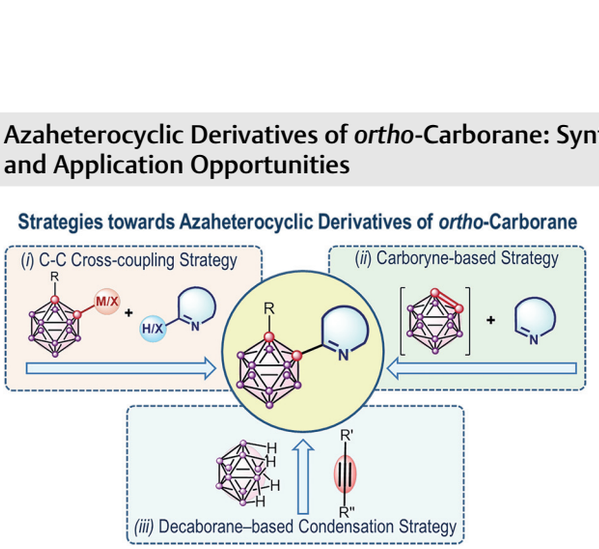
Synthesis

Reviews and Full Papers in Chemical Synthesis

2020
Vol. 52, No. 3
February I





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Synthesis

Catalytic Strategies to Enantiopure Benzoins: Past and Future

Short Review

353

Synthesis **2020**, *52*, 353–364
DOI: 10.1055/s-0039-1691529

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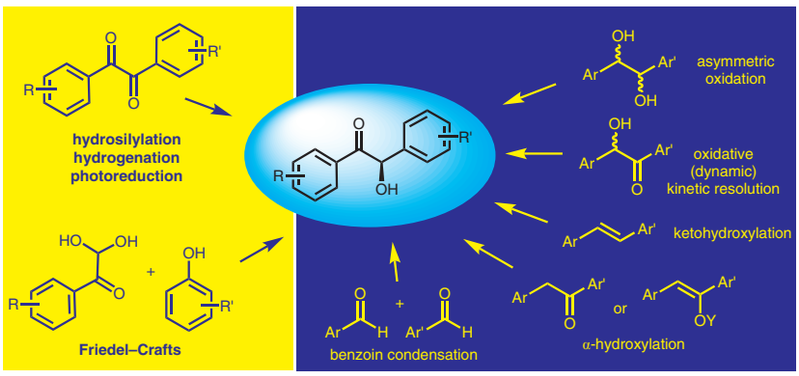

Synthesis

Aryl-Decarboxylation Reactions Catalyzed by Palladium: Scope and Mechanism

Short Review

365

Synthesis **2020**, *52*, 365–377
DOI: 10.1055/s-0039-1690769

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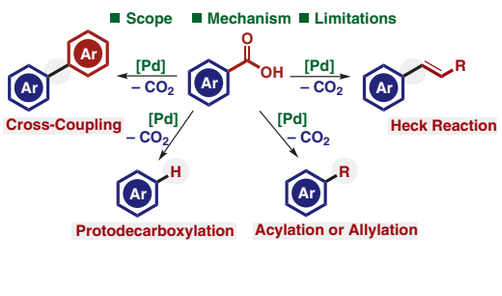

Synthesis

Diverse One-Pot Electrophilic Trapping Reactions of 2-Quinolyl-zincates with Acyl Chlorides and Allyl Iodide

Feature

378

Synthesis **2020**, *52*, 378–392
DOI: 10.1055/s-0039-1690036

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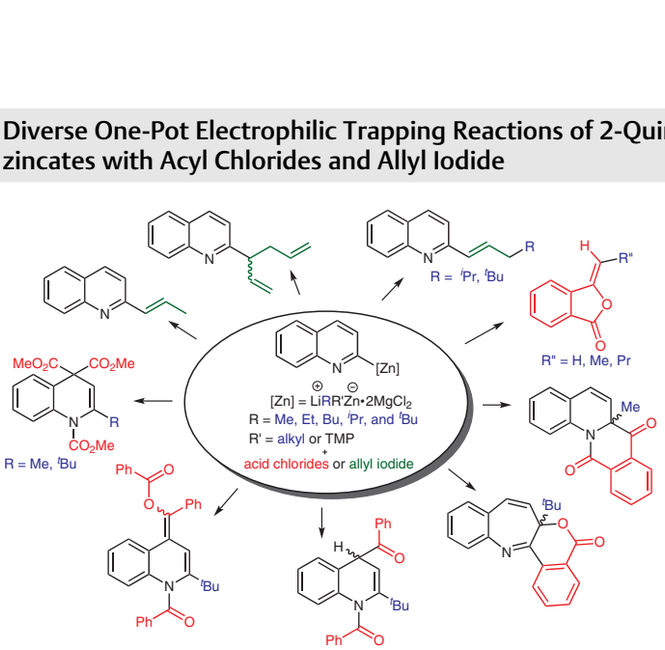

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Synthesis

Synthesis **2020**, *52*, 393–398
DOI: 10.1055/s-0039-1690010

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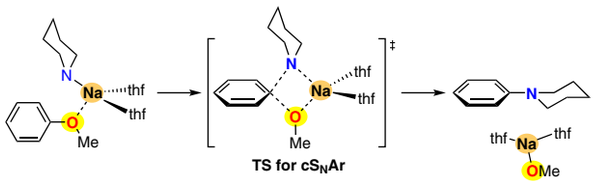
Leaving Group Ability in Nucleophilic Aromatic Amination by Sodium Hydride–Lithium Iodide Composite

Paper



Synthesis

Synthesis **2020**, *52*, 399–416
DOI: 10.1055/s-0039-1690727

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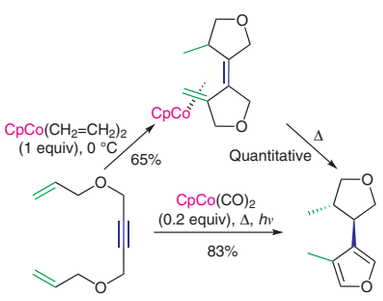
Stoichiometric and Catalytic (η^5-Cyclopentadienyl)cobalt-Mediated Cycloisomerizations of Ene-Yne-Ene Type Allyl Propargyl Ethers

Paper



Synthesis

Synthesis **2020**, *52*, 417–423
DOI: 10.1055/s-0039-1690732

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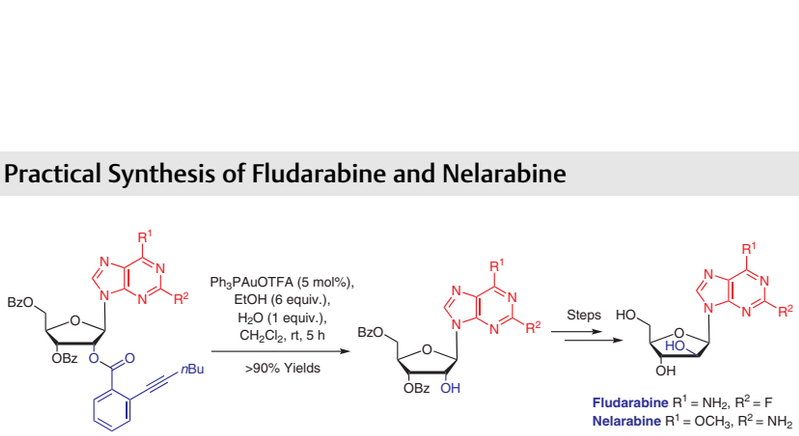
Practical Synthesis of Fludarabine and Nelarabine

Paper



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Synthesis

Synthesis of Spirofluorenyl-1,2,4-oxadiazinan-5-ones through Metal-Free [3+3] Cycloaddition of *N*-Vinyl Fluorenone Nitrones with Aza-oxyallyl Cations

Paper

424

Synthesis **2020**, *52*, 424–432
DOI: 10.1055/s-0039-1691490

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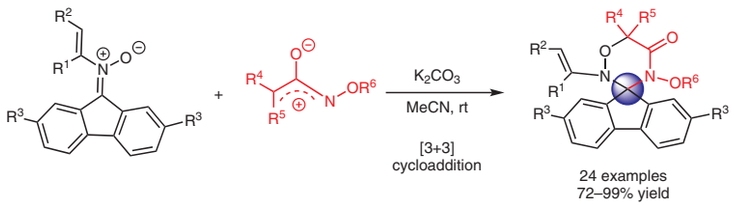

Synthesis

Synthesis of Nonsymmetric Iminophosphonamines by Kirsanov Condensation

Paper

433

Synthesis **2020**, *52*, 433–440
DOI: 10.1055/s-0039-1690242

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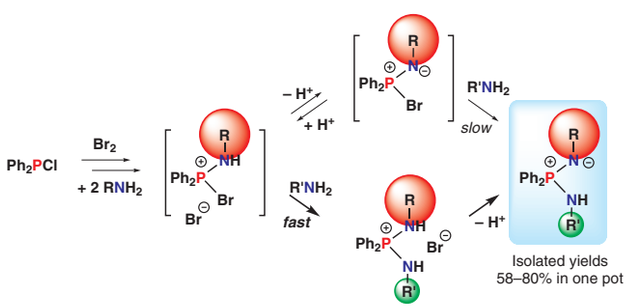

Synthesis

Facile Access to 1,4-Disubstituted Pyrrolo[1,2-*a*]pyrazines from α-Aminoacetonitriles

Paper

441

Synthesis **2020**, *52*, 441–449
DOI: 10.1055/s-0039-1690699

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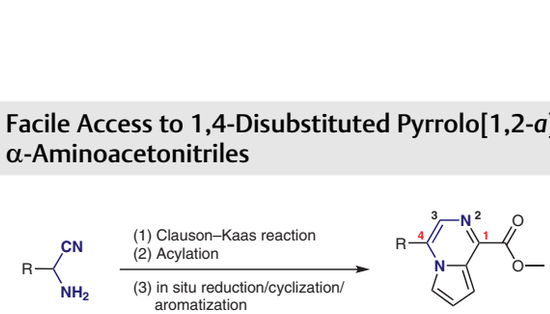

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Synthesis

Synthesis **2020**, *52*, 450–458
DOI: 10.1055/s-0039-1690238

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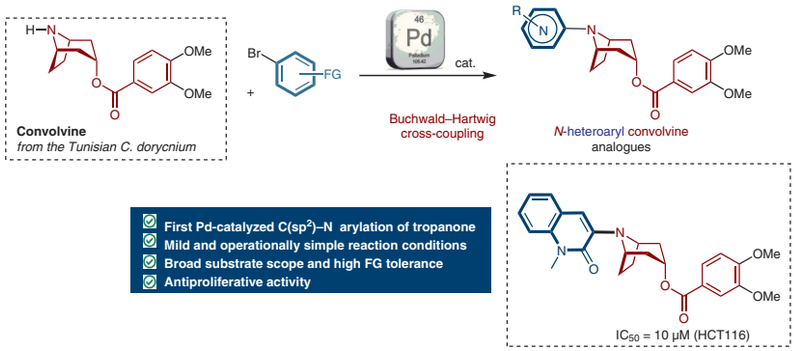
Synthesis of *N*-(Hetero)arylconvolvine Derivatives through a Palladium-Catalyzed Buchwald–Hartwig Cross-Coupling

Paper

450



- First Pd-catalyzed C(sp²)–N arylation of tropanone
- Mild and operationally simple reaction conditions
- Broad substrate scope and high FG tolerance
- Antiproliferative activity

Synthesis

Synthesis **2020**, *52*, 459–470
DOI: 10.1055/s-0039-1690229

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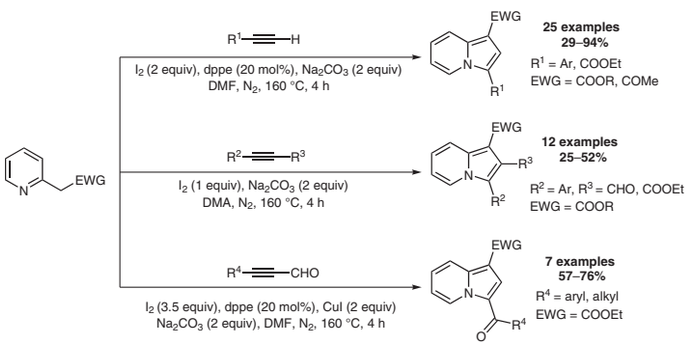
Iodine-Mediated Oxidative Cyclization of 2-(Pyridin-2-yl)acetate Derivatives with Alkynes: Condition-Controlled Selective Synthesis of Multisubstituted Indolizines

Paper

459



Synthesis

Synthesis **2020**, *52*, 471–478
DOI: 10.1055/s-0039-1690213

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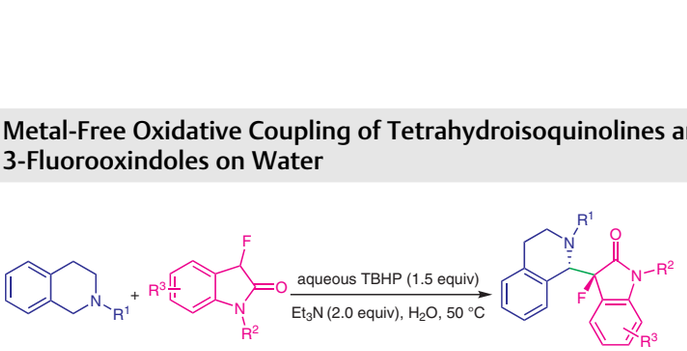
Metal-Free Oxidative Coupling of Tetrahydroisoquinolines and 3-Fluorooxindoles on Water

Paper

471



· mild and safe reaction conditions
· broad substrate scope
· 26 examples, 75–93% yield, up to 99:1 *anti/syn*

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