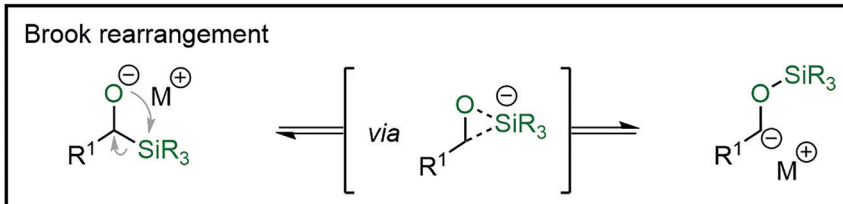
Synthesis

Reviews and Full Papers in Chemical Synthesis

August 15, 2024 • Vol. 56, 2445–2594



Unveiling Novel Synthetic Pathways through Brook Rearrangement

M. Agbaria, N. Egbaria, Z. Nairoukh

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Synthesis

Reviews and Full Papers in Chemical Synthesis

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Synthesis **2024**, *56*, 2445–2461
DOI: 10.1055/s-0042-1751526

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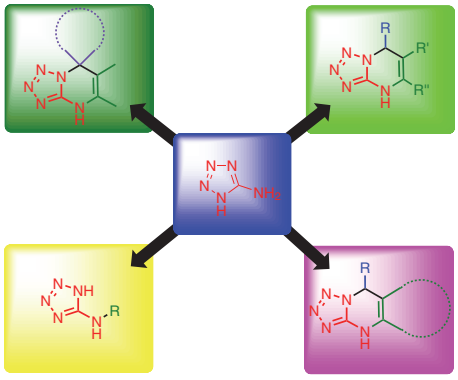

Synthesis **2024**, *56*, 2462–2482
DOI: 10.1055/a-2270-0604

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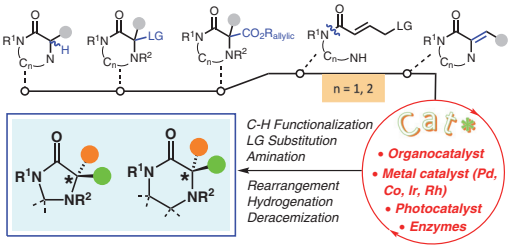

Synthesis

Unveiling Novel Synthetic Pathways through Brook Rearrangement

Short Review

2483

Synthesis **2024**, *56*, 2483–2498
DOI: 10.1055/a-2257-7304

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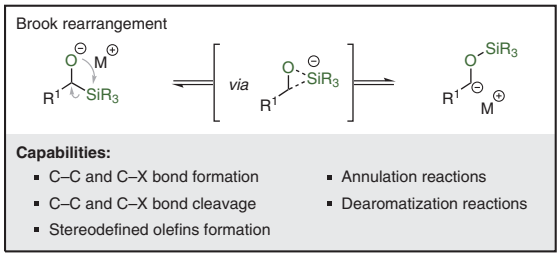

Synthesis

Accessing *meta*-Enone-Substituted Anisoles using ArN_2BF_4 as Precatalyst *via* Rearrangement of Alkyne-Tethered Cyclohexadienones

Feature

2499

Synthesis **2024**, *56*, 2499–2506
DOI: 10.1055/a-2331-9439

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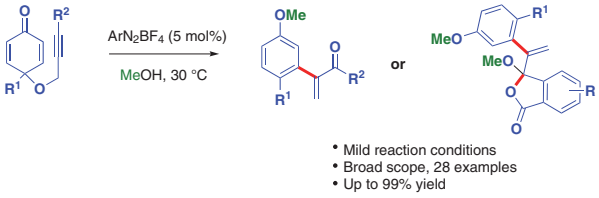

Synthesis

Sequential Paired Electrochemical Transformation of Styrene Oxide via Anodic Meinwald Rearrangement and Cathodic Nitromethylation in an Electrochemical Flow Reactor with Catalytic Electrical Input

Paper

2507

Synthesis **2024**, *56*, 2507–2512
DOI: 10.1055/a-2309-6737

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K. Mitsudo
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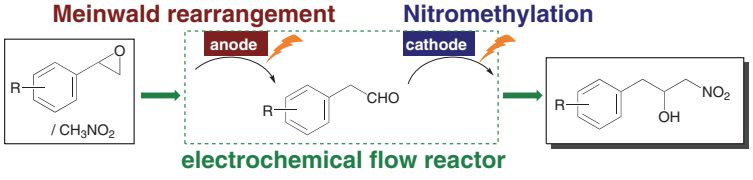

Synthesis

Synthesis **2024**, *56*, 2513–2520
DOI: 10.1055/s-0043-1774907

Ketyl Radical Enabled Synthesis of Oxetanes

Paper

2513

M. R. Gatazka
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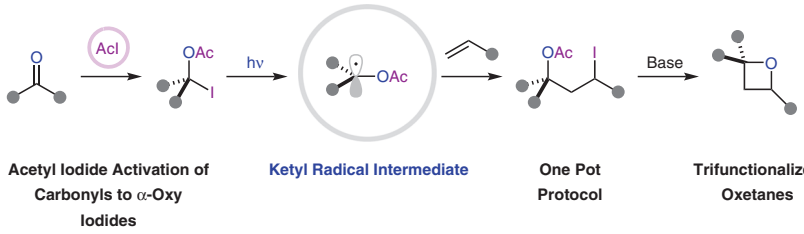

Synthesis

Synthesis **2024**, *56*, 2521–2528
DOI: 10.1055/a-2323-0721

$BF_3{\cdot}OEt_2$-Mediated (3+2) Cycloaddition Reactions of Donor-Acceptor Cyclopropanes (DACs) with Cyanamides: Access to Cyclic Amidines

Paper

2521

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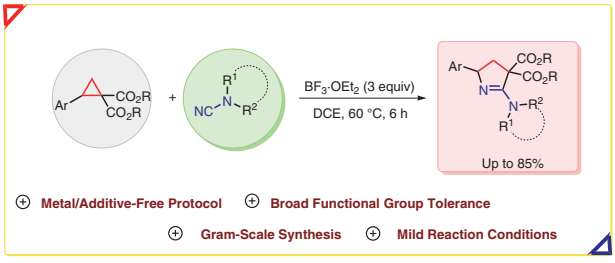

Synthesis

Synthesis **2024**, *56*, 2529–2536
DOI: 10.1055/s-0043-1775369

Metal-Free Synthesis of Selanyl-Substituted Chromenones via Selanylation/Cyclization of Alkynyl Aryl Ketones

Paper

2529

X.-R. Gong
Y.-H. Zhou
M.-L. Ren
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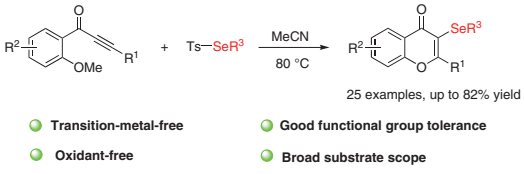

Synthesis

Synthesis **2024**, *56*, 2537–2548
DOI: 10.1055/a-2328-2947

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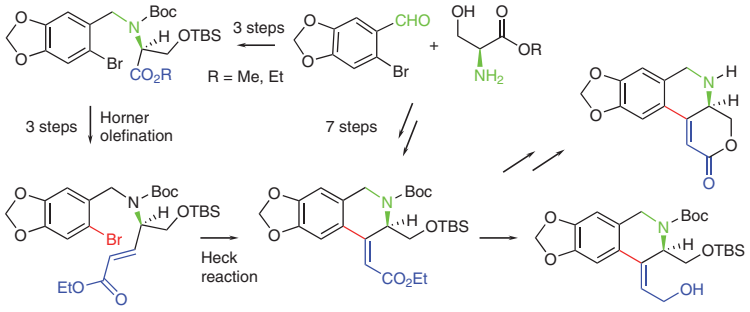
Ex-Chiral-Pool Synthesis of Optically Active 4-Alkylidene-Tetrahydroisoquinolines – Key Intermediates for Crinane Alkaloid Total Syntheses

Paper

2537



Synthesis

Synthesis **2024**, *56*, 2549–2557
DOI: 10.1055/s-0043-1775368

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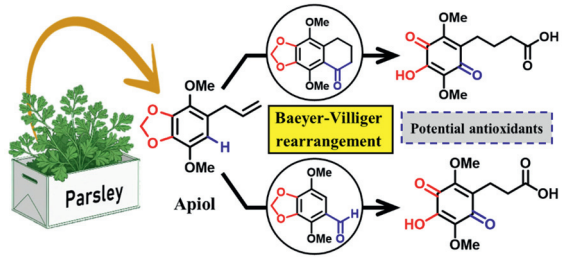
Synthesis of Methoxy Analogues of Coenzyme Q_{10} Metabolites from Parsley Seed Extracts via Baeyer–Villiger Rearrangement of Carbonyl-Substituted Polyalkoxybenzenes

Paper

2549



Synthesis

Synthesis **2024**, *56*, 2558–2564
DOI: 10.1055/s-0043-1774866

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X. Qi
E. Hao
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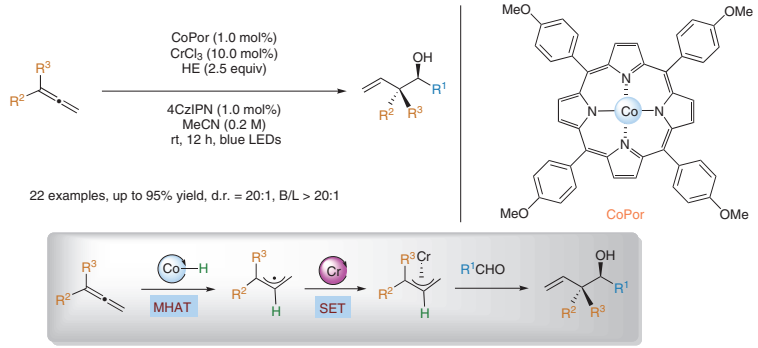
Radical Allylation of Aldehydes with Allenes by Photoredox Cobalt and Chromium Dual Catalysis

Paper

2558



Synthesis

Synthesis **2024**, *56*, 2565–2571
DOI: 10.1055/a-2315-1934

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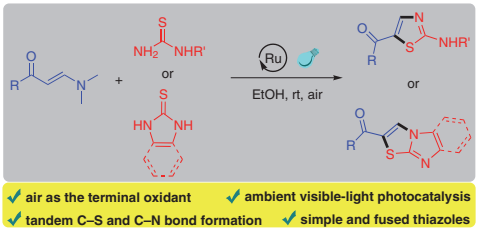
Photocatalytic Annulation of Enaminones with Thioureas for the Synthesis of 2-Aminothiazoles via Tandem C–S and C–N Bond Formation



Synthesis

Synthesis **2024**, *56*, 2572–2580
DOI: 10.1055/a-2309-1501

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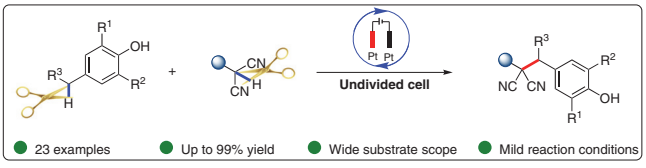
Electrochemical Oxidative Cross-Coupling for the Construction of C(sp^3)–C(sp^3) Bonds



Synthesis

Synthesis **2024**, *56*, 2581–2587
DOI: 10.1055/a-2317-6659

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A. Y. Belyy
R. F. Salikov*
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Y. V. Tomilov*
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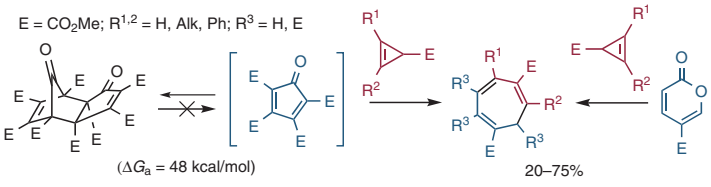
Cyclopentadienone and Pyrone Derivatives as Precursors of Electron-Deficient Cycloheptatrienes: Quantum Chemical Investigation and Synthesis



Synthesis

Synthesis **2024**, *56*, 2588–2594
DOI: 10.1055/a-2329-4214

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Stereodivergent Synthesis of the Four Stereoisomers of Diethyl 4-Hydroxyphosphopipecolate from Ethyl (*R*)-4-Cyano-3-hydroxybutanoate