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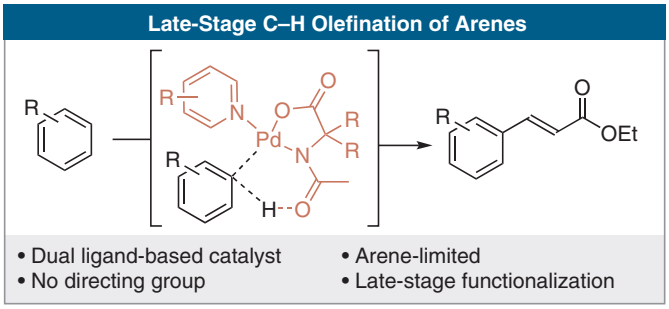
Accounts and Rapid Communications in Chemical Synthesis

March 2, 2022 • Vol. 33, 301–400



Dual Ligand-Enabled Late-Stage Fujiwara–Moritani Reactions

C. Santiago, H. Chen, A. Mondal, M. van Gemmeren

4

Thieme

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2022
Vol. 33, No. 4
March I

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Synpacts

Nickel-Catalyzed Asymmetric Synthesis of *P*-Stereogenic Vinyl Phosphines

301

Synlett **2022**, *33*, 301–306
DOI: 10.1055/a-1695-4979

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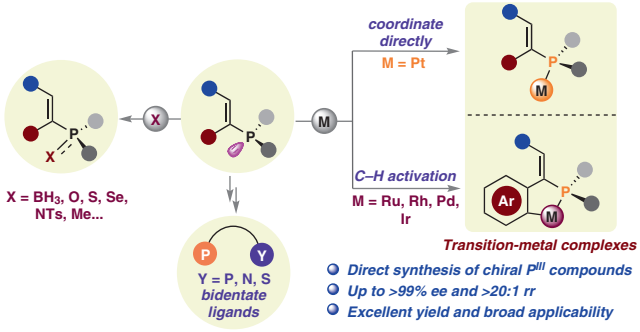

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Account

Application of Oxidative Ring Opening/Ring Closing by Reductive Amination Protocol for the Stereocontrolled Synthesis of Functionalized Azaheterocycles

307

Synlett **2022**, *33*, 307–328
DOI: 10.1055/s-0040-1719850

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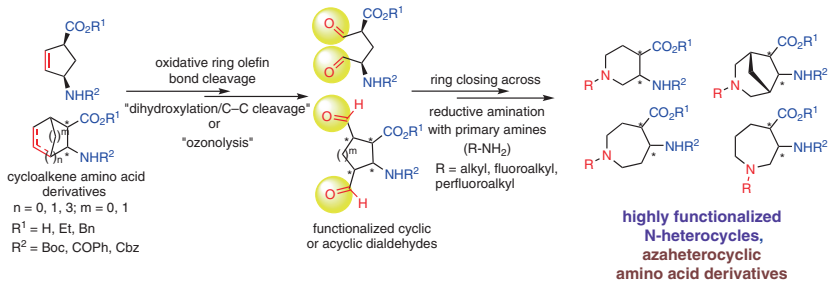

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Synlett **2022**, *33*, 329–338
DOI: 10.1055/a-1354-0367

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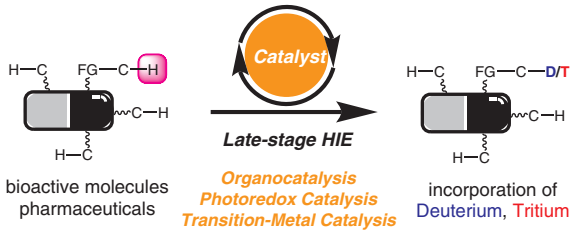
Catalytic Hydrogen Isotope Exchange Reactions in Late-Stage Functionalization

Cluster

329



Synlett
Synlett **2022**, *33*, 339–345
DOI: 10.1055/s-0040-1706034

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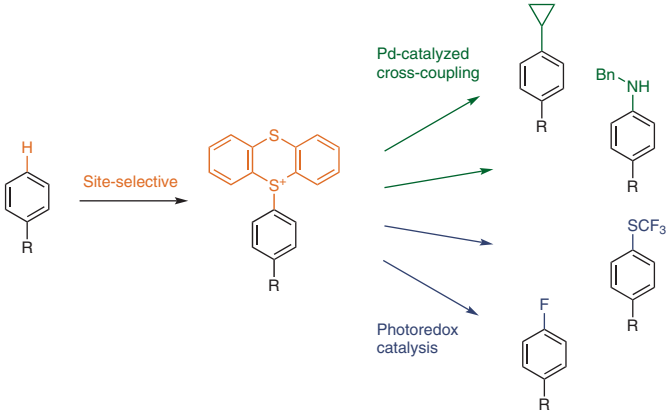
Site-Selective Late-Stage C–H Functionalization via Thianthrenium Salts

Cluster

339



Synlett
Synlett **2022**, *33*, 346–350
DOI: 10.1055/a-1495-6994

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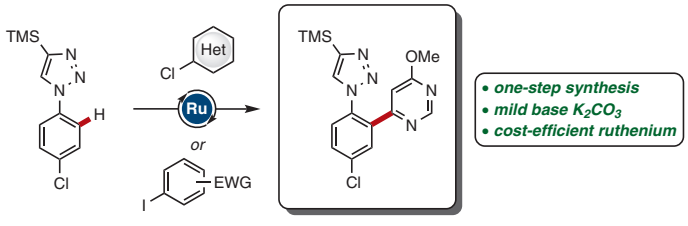
Triazole-Enabled Ruthenium(II) Carboxylate-Catalyzed C–H Arylation with Electron-Deficient Aryl Halides

Cluster

346



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Synlett **2022**, *33*, 351–356
DOI: 10.1055/a-1314-0064

Rhodium-Catalyzed, Phosphorus(III)-Directed Hydroarylation of Internal Alkynes: Facile and Efficient Access to New Phosphine Ligands

Cluster

351

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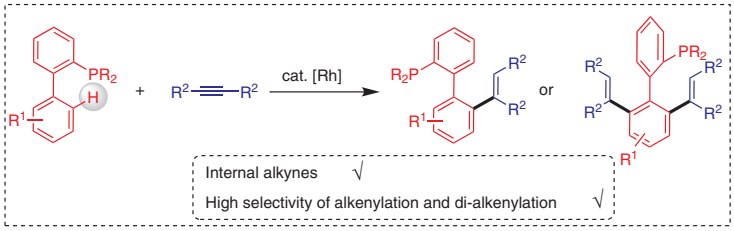

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Synlett **2022**, *33*, 357–360
DOI: 10.1055/s-0040-1706014

Dual Ligand-Enabled Late-Stage Fujiwara–Moritani Reactions

Cluster

357

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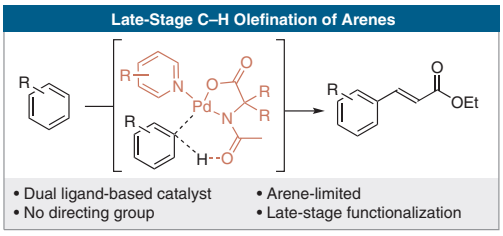

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Synlett **2022**, *33*, 361–366
DOI: 10.1055/s-0041-1737762

Nickel-Catalyzed Reductive Cross-Coupling of Benzylic Sulfonium Salts with Aryl Iodides

Letter

361

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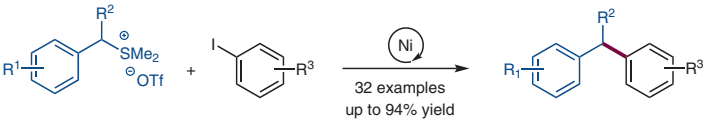

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Synlett **2022**, *33*, 367–370
DOI: 10.1055/s-0041-1737759

Dirhodium(II)-Catalyzed Synthesis of *N*-(Arylsulfonyl)hydrazines by N–H Amination of Aliphatic Amines

Letter
367

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Y. Hasegawa
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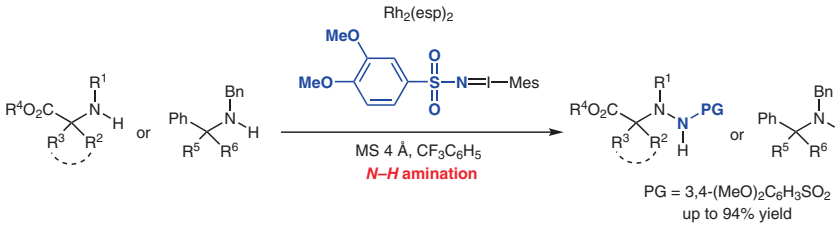

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Synlett **2022**, *33*, 371–375
DOI: 10.1055/s-0040-1719865

Mild, General, and Regioselective Synthesis of 2-Aminopyridines from Pyridine *N*-Oxides via *N*-(2-Pyridyl)pyridinium Salts

Letter
371

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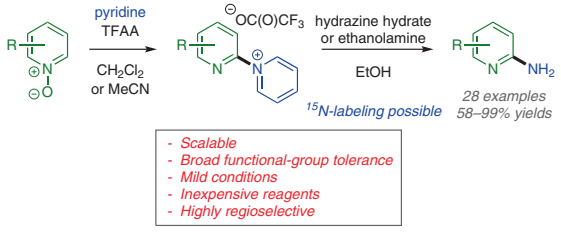

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Synlett **2022**, *33*, 376–380
DOI: 10.1055/s-0041-1737761

Synthesis of Aryl Nitriles via Aerobic Oxidative Cleavage of Aryl C=C Bonds with $(NH_4)_2CO_3$ as the Nitrogen Source

Letter
376

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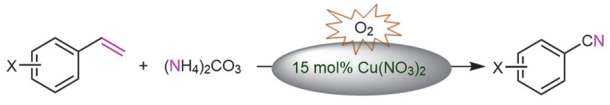

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Synlett **2022**, *33*, 381–385
DOI: 10.1055/a-1705-0247

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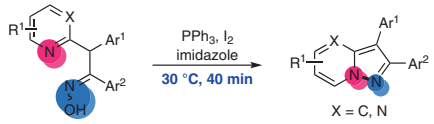
A Mild and Efficient Synthesis of Pyrazolo[1,5-*a*]pyridines Mediated by Triphenylphosphine/Diiodine

Letter

381



- metal-free
- mild and efficient conditions
- one-pot synthesis of diaryl-substituted pyrazolo[1,5-*a*]pyridines
- 13 examples, up to 78% yield

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Synlett **2022**, *33*, 386–390
DOI: 10.1055/s-0041-1737760

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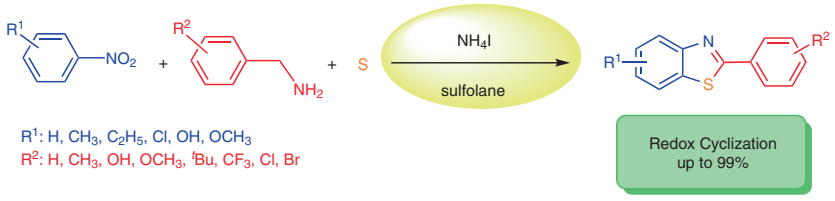
Synthesis of 2-Arylbenzothiazoles from Nitrobenzenes, Benzylamines, and Elemental Sulfur via Redox Cyclization

Letter

386



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Synlett **2022**, *33*, 391–395
DOI: 10.1055/s-0041-1737803

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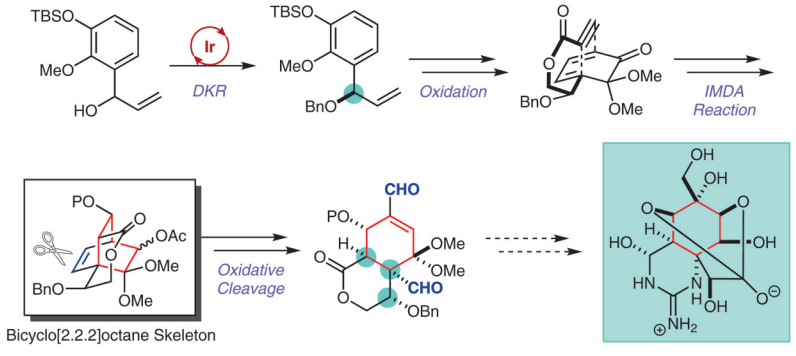
Synthetic Approach toward (–)-Tetrodotoxin via Construction of the Bicyclo[2.2.2]octane Skeleton

Letter

391



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DOI: 10.1055/s-0040-1719876

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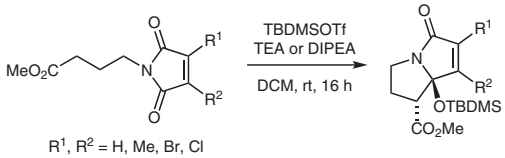
Skeletal Analogues of UCS1025A and B by Cyclization of Maleimides: Synthesis and Biological Activity



R^1, R^2 = H, Me, Br, Cl

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