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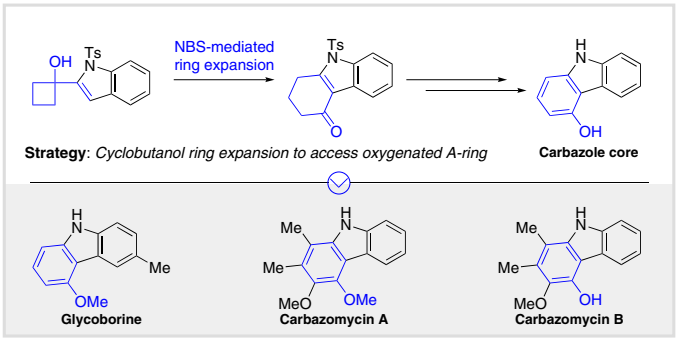
Accounts and Rapid Communications in Chemical Synthesis

May 12, 2023 • Vol. 34, 875–974



A Cyclobutanol Ring-Expansion Approach to Oxygenated Carbazoles: Total Synthesis of Glycoborine, Carbazomycin A and Carbazomycin B

P. Natho, L. A. T. Allen, P. J. Parsons

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Enantioselective Alkylation of Amino Acid Derivatives with Unactivated Olefins via C–N Bond Cleavage

Synpacts

Synlett **2023**, *34*, 875–881
DOI: 10.1055/s-0042-1752337

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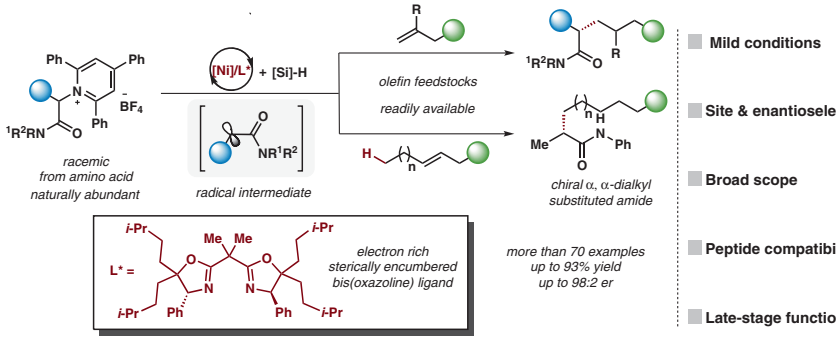

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Chiral Bicyclo[2.2.2]octane-Fused and Ferrocene-Derived Cyclopentadienyl Ligands for Asymmetric C–H Activation

Synpacts

Synlett **2023**, *34*, 882–888
DOI: 10.1055/a-1992-6757

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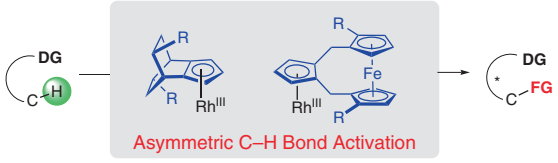

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Synlett **2023**, *34*, 889–911
DOI: 10.1055/a-1977-1006

Stereo- and Regioselective Synthesis of (*E*,*E*)-Dienes: Evolution from the Transition-Metal-Catalyzed Cross-Coupling to Titanium Alkoxide-Based Alkyne–Alkyne Reductive Coupling

Account

889

B. Cai
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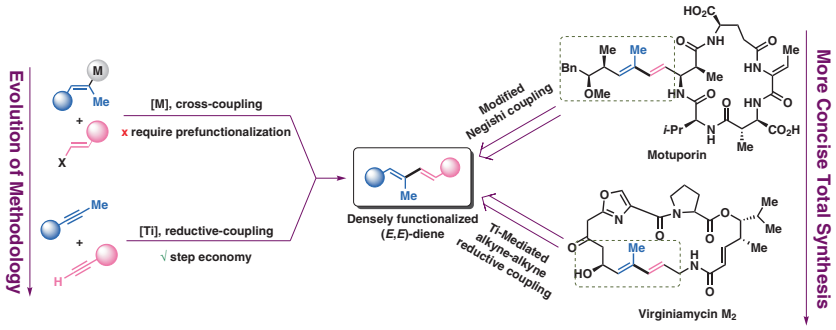

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Synlett **2023**, *34*, 912–930
DOI: 10.1055/a-1988-1861

PTABS: A Unique Water-Soluble π-Acceptor Caged Phosphine

Account

912

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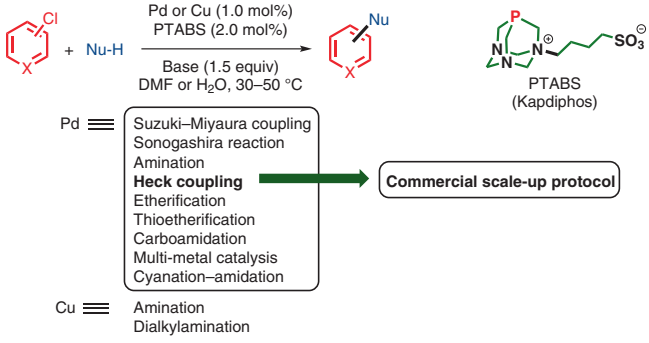

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Synlett **2023**, *34*, 931–936
DOI: 10.1055/a-1951-9897

Visible-Light-Mediated Organophotocatalyzed C(sp^3)–H Activation and Intramolecular Cyclization

Letter

931

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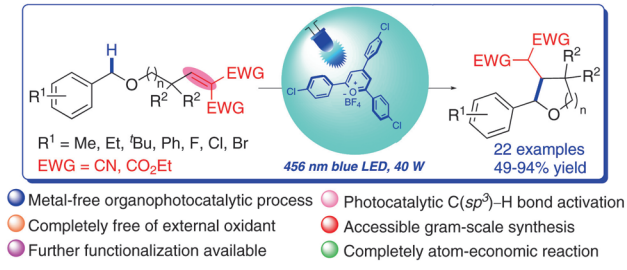

Synlett

Synlett **2023**, *34*, 937–942
DOI: 10.1055/s-0042-1751411

A Cyclobutanol Ring-Expansion Approach to Oxygenated Carbazoles: Total Synthesis of Glycoborine, Carbazomycin A and Carbazomycin B

Letter

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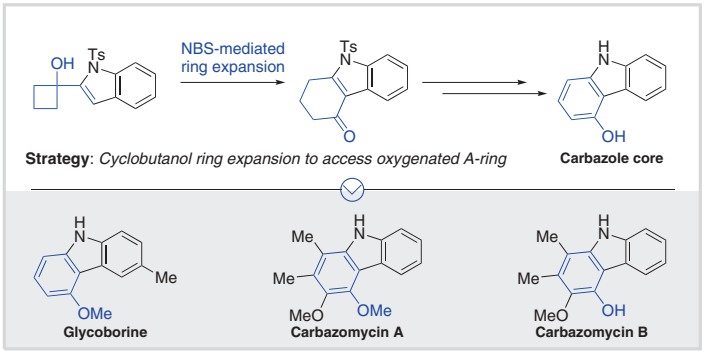

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Synlett **2023**, *34*, 943–947
DOI: 10.1055/a-1996-3244

Palladium-Catalyzed Carbonyl-Retention Suzuki–Miyaura Coupling between N-Hydroxybenzotriazole Esters and Boronic Acids

Letter

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J. Bai
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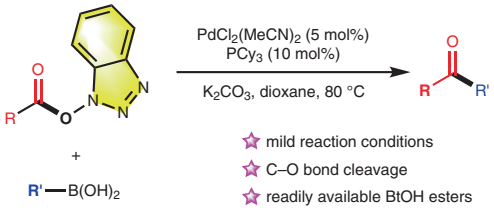

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Synlett **2023**, *34*, 948–952
DOI: 10.1055/a-1990-5276

Catalytic Enantioselective Inverse-Electron-Demand Diels–Alder Reaction of 2-Pyrones and Vinyl Selenides

Letter

X.-Y. You
Q. Cai*
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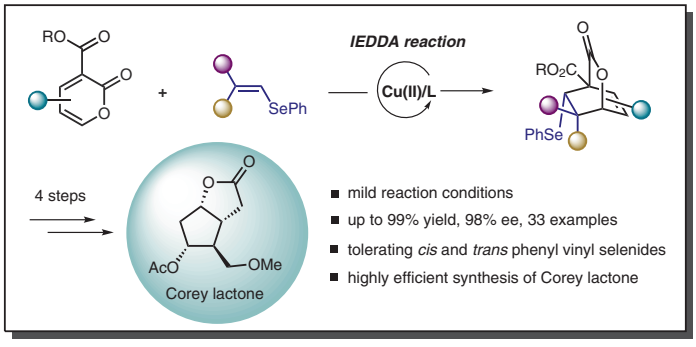

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Synlett **2023**, *34*, 953–957
DOI: 10.1055/s-0042-1751395

R. Kobayashi
Y. Watabe
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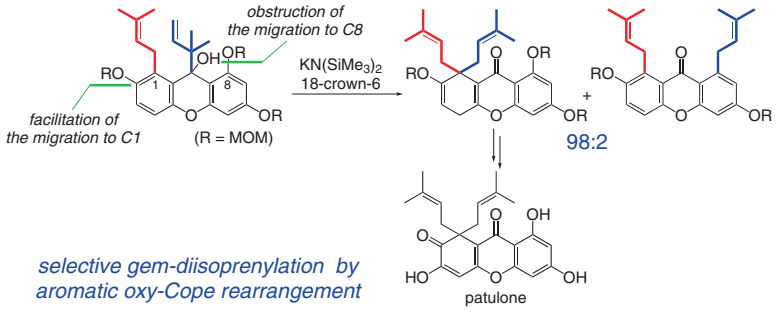
Total Synthesis of Patulone: A Natural Xanthonoid Possessing a Geminally Diisoprenylated Structure

Letter



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Synlett **2023**, *34*, 958–962
DOI: 10.1055/a-1981-4489

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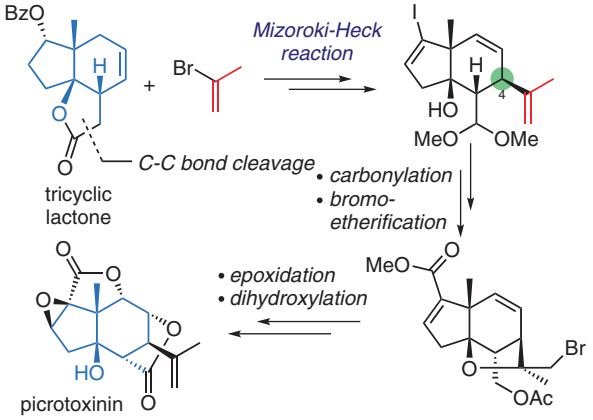
An Asymmetric Total Synthesis of Picrotoxinin through a Mizoroki–Heck Reaction

Letter



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Synlett **2023**, *34*, 963–969
DOI: 10.1055/a-1969-4050

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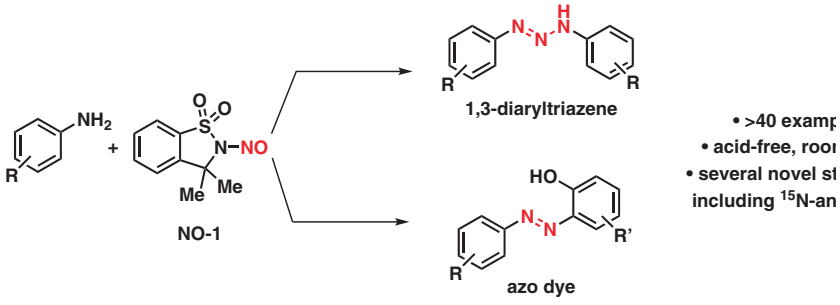
Synthesis of 1,3-Diaryltriazenes and Azo Dyes from Aryl Amines Using *N*-Nitrososulfonamides

Letter



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Synlett **2023**, *34*, 970–974
DOI: 10.1055/a-1996-2853

Denitrosation of Aryl-*N*-nitrosamines by a Transnitrosation Strategy Using Ethanethiol and *p*-Toluenesulfonic Acid under Mild Reaction Conditions

Letter

970

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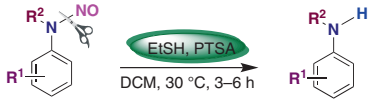

R^1 = H, Alkyl, CN, NO_2, etc.
R^2 = Alkyl, Aryl, Benzyl, etc.

74–90%