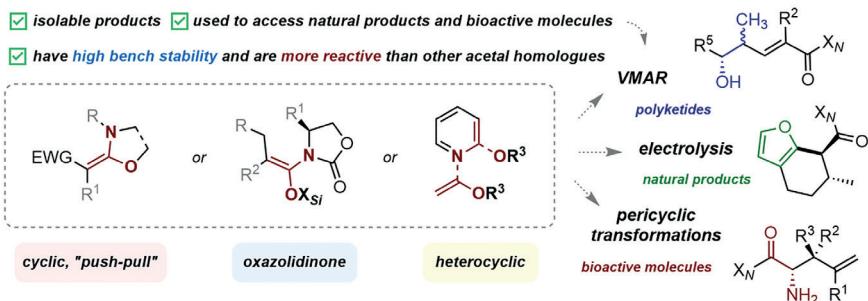


Synthesis

Reviews and Full Papers in Chemical Synthesis

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Modern Synthesis and Chemistry of Stabilized Ketene N,O-Acetals

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6



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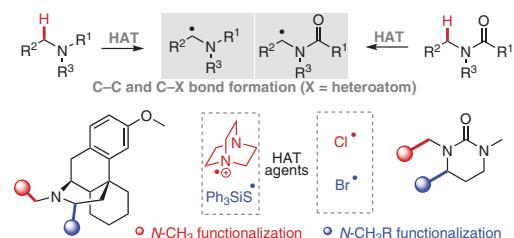
Synthesis 2022, 54, 1461–1477
DOI: 10.1055/a-1677-6619

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Site-Selective C(sp³)–H Functionalizations Mediated by Hydrogen Atom Transfer Reactions via α -Amino/ α -Amido Radicals

Review
1461



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Synthesis 2022, 54, 1478–1502
DOI: 10.1055/a-1677-5971

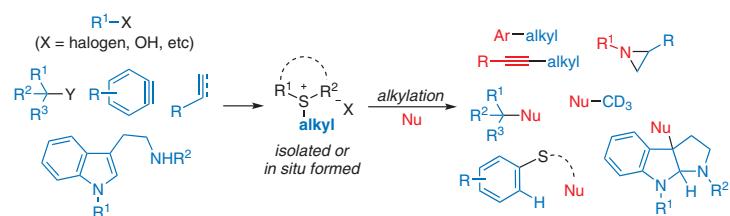
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Alkylation Reactions with Alkylsulfonium Salts

Short Review

1478



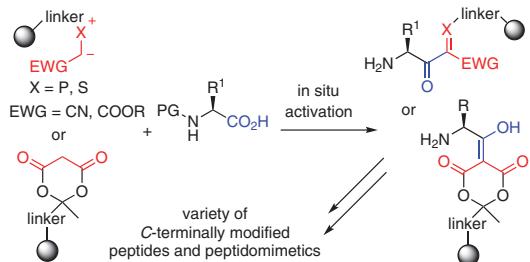
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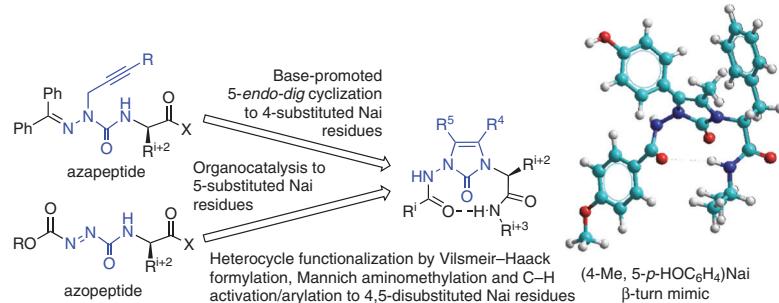


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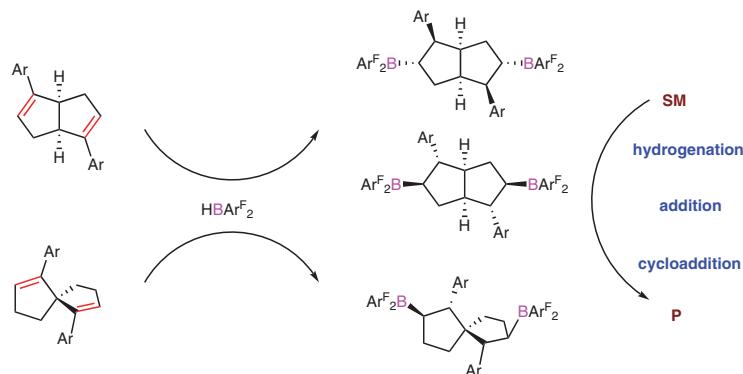


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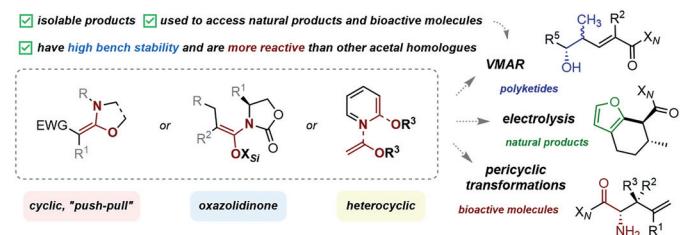
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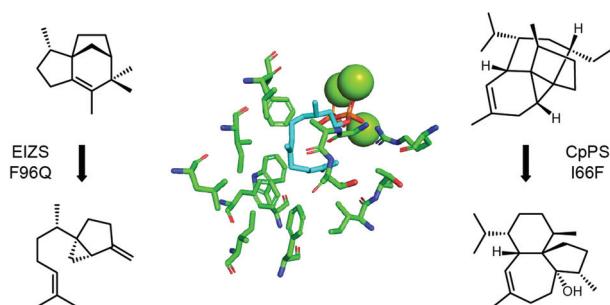
Synthesis 2022, 54, 1537–1550
DOI: 10.1055/a-1713-8481

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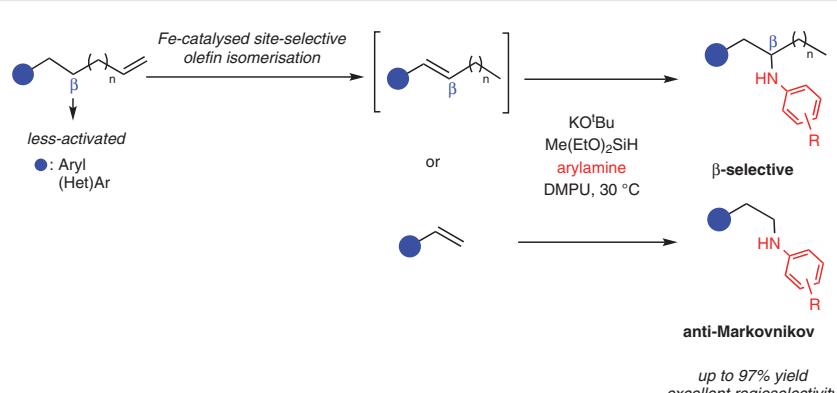
Synthesis 2022, 54, 1551–1565
DOI: 10.1055/a-1675-8208

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DOI: 10.1055/a-1681-4720

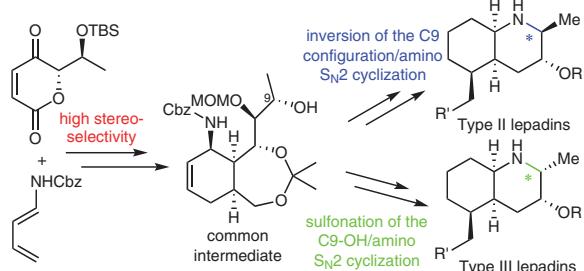
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DOI: 10.1055/a-1681-4067

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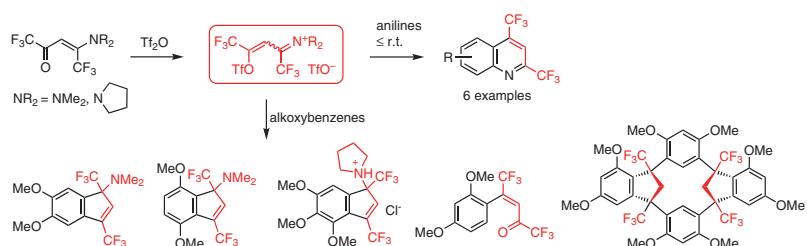
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Synthesis 2022, 54, 1587–1600
DOI: 10.1055/a-1681-4823

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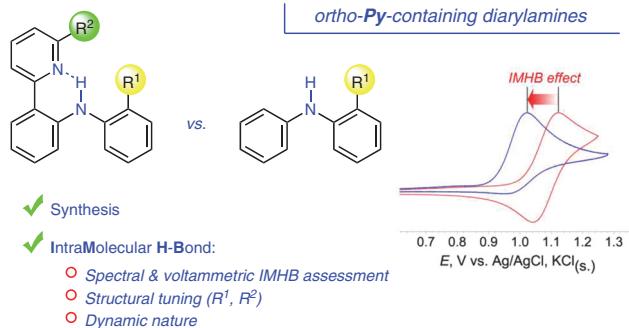
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Synthesis 2022, 54, 1601–1612
DOI: 10.1055/a-1683-0315

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Synthesis 2022, 54, 1613–1620
DOI: 10.1055/a-1693-7535

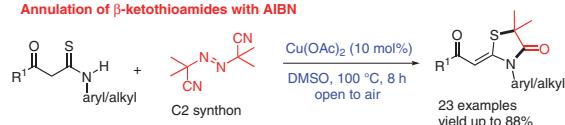
P. Pali

D. Yadav

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Annulation of β -ketothioamides with AIBN

- ✓ Cu(II)-catalyzed chemo- and regioselective [3 + 2] annulation
- ✓ AIBN plays a dual role as an initiator and an unconventional C2 synthon
- ✓ One-pot tandem reaction
- ✓ Broad substrate scope, high functional group tolerance
- ✓ Good to excellent yields, gram-scale reaction
- ✓ Late-stage modification

Synthesis 2022, 54, 1621–1632
DOI: 10.1055/a-1677-4881

Y. Kang

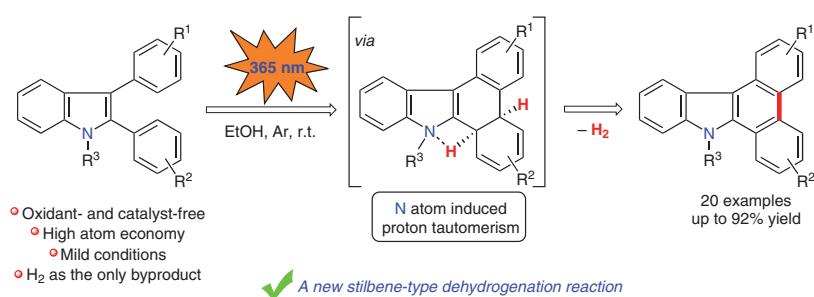
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- Oxidant- and catalyst-free
 - High atom economy
 - Mild conditions
 - H₂ as the only byproduct

✓ A new stilbene-type dehydrogenation reaction

Synthesis 2022, 54, 1633–1642
DOI: 10.1055/a-1669-0944

L. Lombardi

R. Mazzaro

M. Gazzano

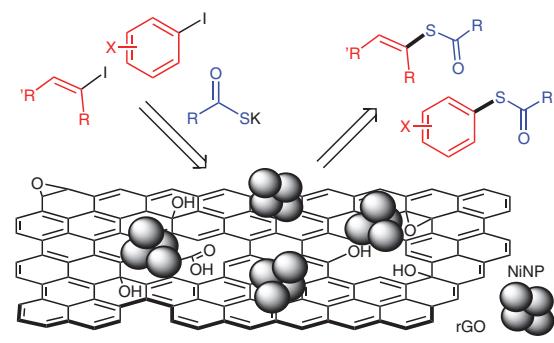
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15 examples yields up to 82%

Synthesis 2022, 54, 1643–1651
DOI: 10.1055/a-1695-0820

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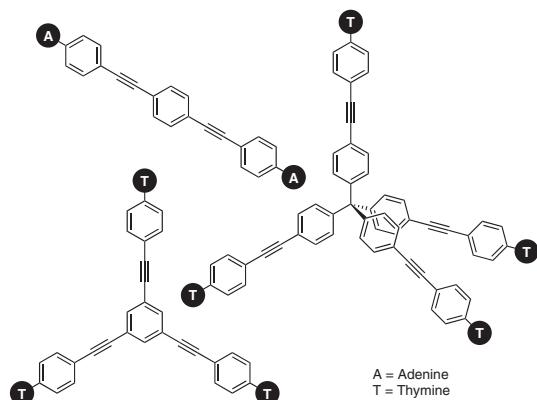
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Synthesis 2022, 54, 1652–1660
DOI: 10.1055/a-1690-4840

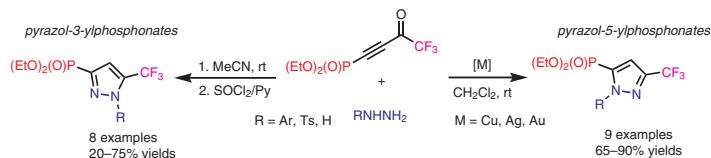
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Synthesis 2022, 54, 1661–1669
DOI: 10.1055/a-1671-6602

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