

Synlett

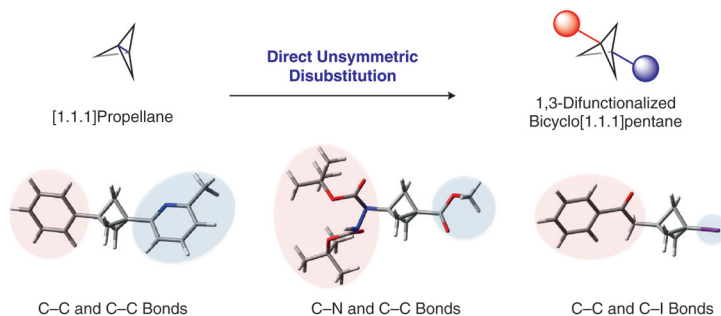
Recent Advances in the Synthetic Chemistry of Bicyclo[1.1.1]pentane

Synfacts

Synlett 2019, 30, 1–11  
DOI: 10.1055/s-0037-1610314

J. Kanazawa\*  
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Japan Tobacco Inc., Japan  
RIKEN, Japan  
The University of Tokyo, Japan



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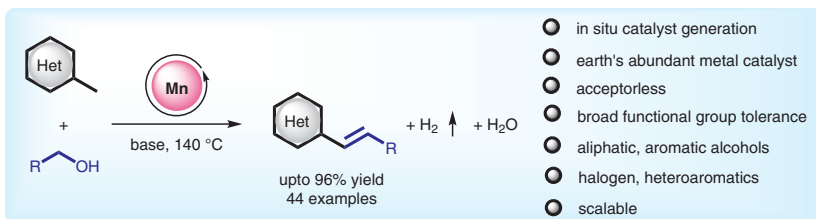
Manganese-Catalyzed Direct Olefination via an Acceptorless Dehydrogenative Coupling of Methyl Heteroarenes with Primary Alcohols

Synfacts

Synlett 2019, 30, 12–20  
DOI: 10.1055/s-0037-1610313

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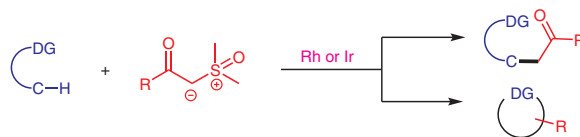


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Synlett 2019, 30, 21–29  
DOI: 10.1055/s-0037-1610263

X. Wu  
S. Sun  
J.-T. Yu  
J. Cheng\*

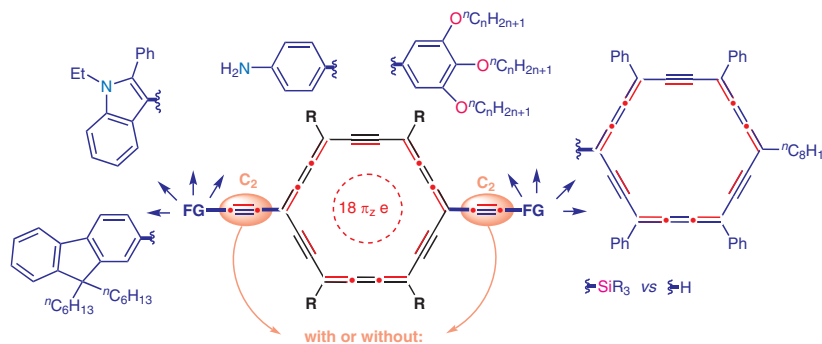
Changzhou University,  
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Synlett 2019, 30, 30–43  
DOI: 10.1055/s-0037-1610269

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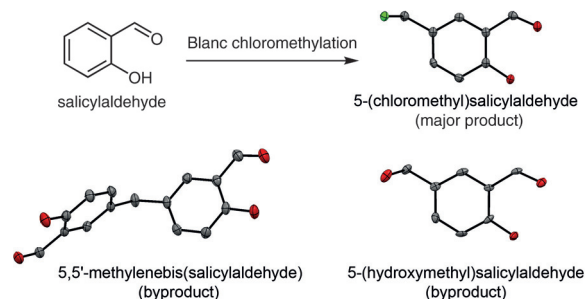


versatile effects on stability, solubility, magnetic anisotropy, molecular conductance, columnar mesogenicity, one-photon and two-photon absorption,  $\pi$ -cooperative surface photosensitization

Synlett 2019, 30, 44–48  
DOI: 10.1055/s-0037-1610334

E. Kadwa  
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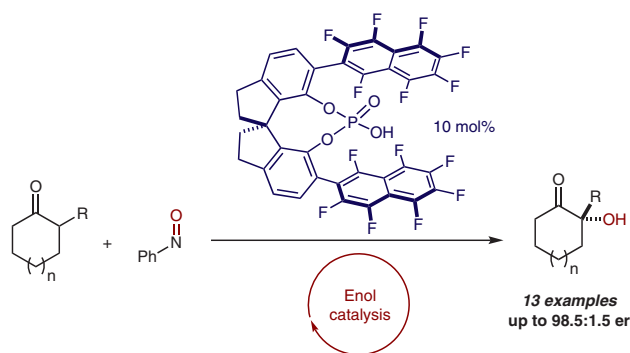
Direct Asymmetric  $\alpha$ -Hydroxylation of Cyclic  $\alpha$ -Branched Ketones through Enol Catalysis

Letter

49

Synlett 2019, 30, 49–53  
DOI: 10.1055/s-0037-1611084G. A. Shevchenko\*  
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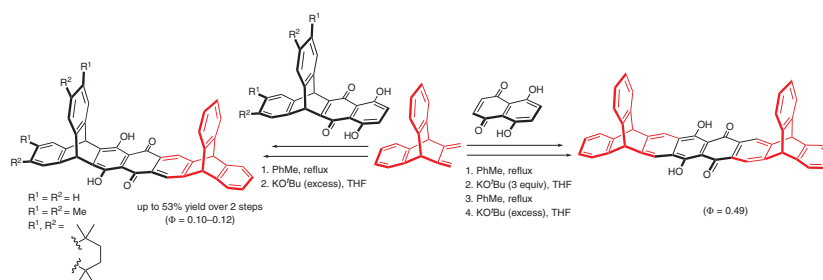
## Synthesis and Optoelectronic Properties of Iptycene–Naphthazarin Dyes

Letter

54

Synlett 2019, 30, 54–58  
DOI: 10.1055/s-0037-1611169C. Dengiz  
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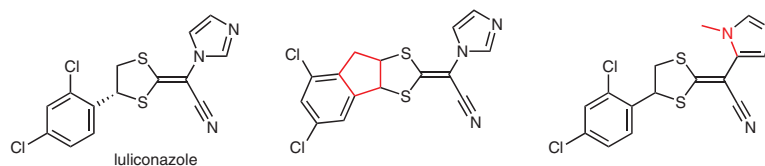


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## Synthesis of Conformationally Locked and C-Linked Analogues of Imidazole-Based Ketene Dithioacetal Fungicides

Letter

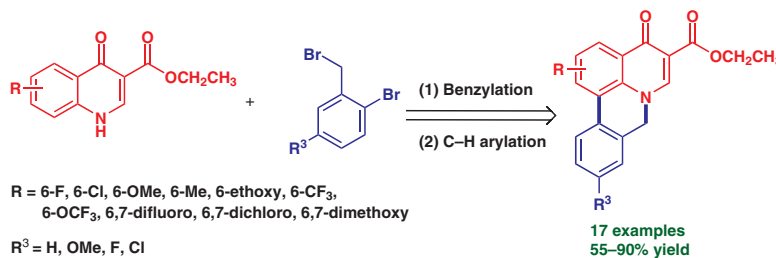
59

Synlett 2019, 30, 59–62  
DOI: 10.1055/s-0037-1610341J. Gagnepain  
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Synlett 2019, 30, 63–68  
DOI: 10.1055/s-0037-1610333

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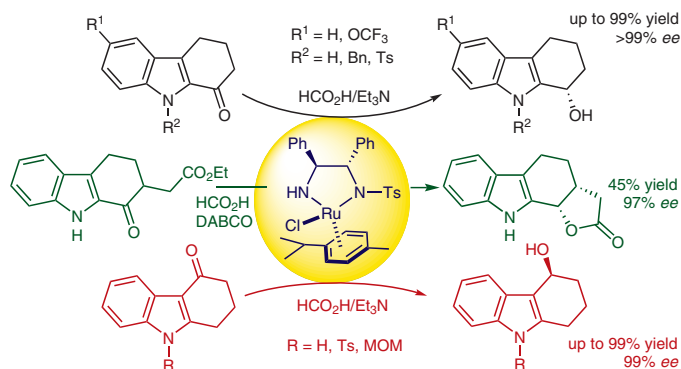


- \* Readily available substrates
- \* Sequential C–N/C–C bond formation
- \* Mild conditions

Synlett 2019, 30, 69–72  
DOI: 10.1055/s-0037-1610351

Ö. Dilek  
S. Patir  
E. Ertürk\*

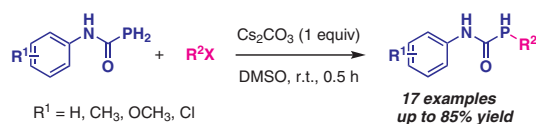
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Synlett 2019, 30, 73–76  
DOI: 10.1055/s-0037-1611364

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Z.-J. Quan\*

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Gansu International Scientific  
and Technological Cooperation  
Base of Water-Retention  
Chemical Functional Materials,  
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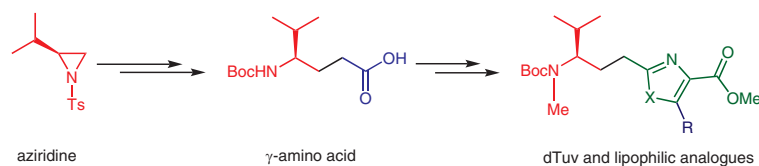
- Air- and moisture-stable starting materials
- Mild reaction conditions

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Indore, India

## Synthesis of the Deacetoxytubuvaine Fragment of Pretubulysin and its Lipophilic Analogues for Enhanced Permeability in Cancer Cell Lines

Letter

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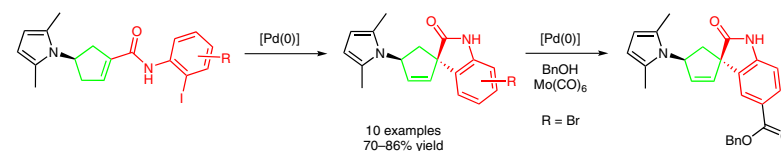
A. Adeyemi  
A. Wetzel  
J. Bergman  
J. Brånalt  
M. Larhed\*

Uppsala University, Sweden

## Regio- and Stereoselective Synthesis of Spirooxindoles via Mizoroki–Heck Coupling of Aryl Iodides

Letter

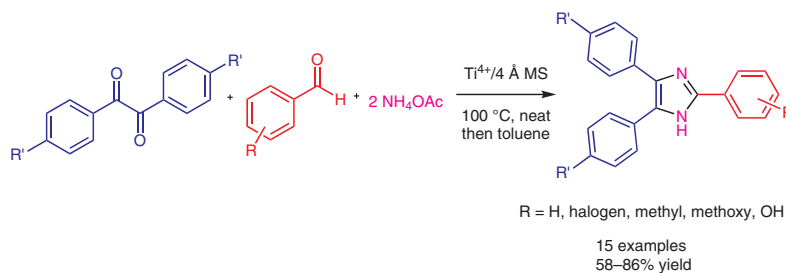
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Technology and Economics,  
Hungary

## One-Pot Three-Component Synthesis of 2,4,5-Triaryl-1H-imidazoles in the Presence of a Molecular Sieve Supported Titanium Catalyst under Mild Basic Conditions

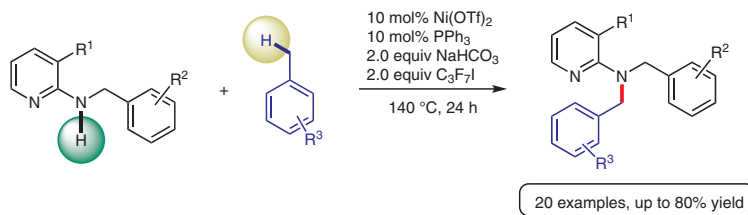
Letter

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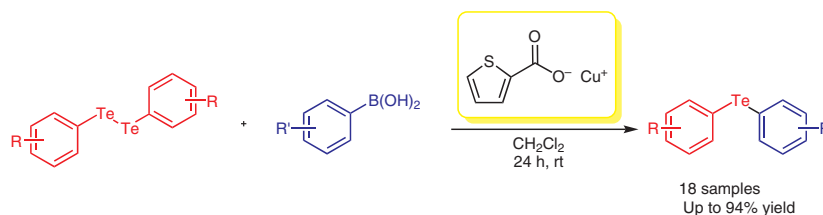
Synlett 2019, 30, 94–98  
DOI: 10.1055/s-0037-1610342

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M. Schnürch\*  
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Synlett 2019, 30, 99–103  
DOI: 10.1055/s-0037-1610324

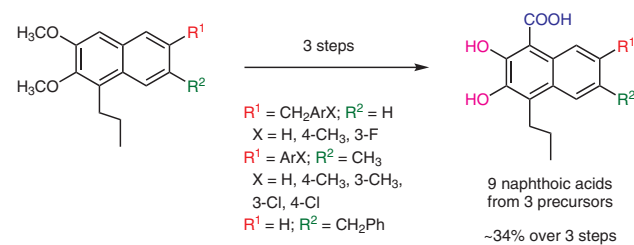
S. Koguchi\*  
Y. Shibuya  
Y. Igarashi  
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This reaction proceeds at room temperature.  
No base or acid is required.  
General-purpose solvents such as THF and methylene chloride can be used.  
Tellurium coupling proceeds selectively.

Synlett 2019, 30, 104–108  
DOI: 10.1055/s-0037-1611342

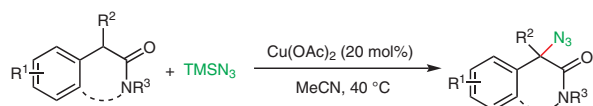
L. M. Deck\*  
J. A. Greenberg  
L. J. Whalen  
D. L. Vander Jagt  
R. E. Royer  
University of New Mexico, USA



Synlett 2019, 30, 109–113  
DOI: 10.1055/s-0037-1610672

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W.-T. Wei\*  
Y.-Y. Liu\*  
Q. Li

Ningbo University, P. R. of China  
Huaihua University,  
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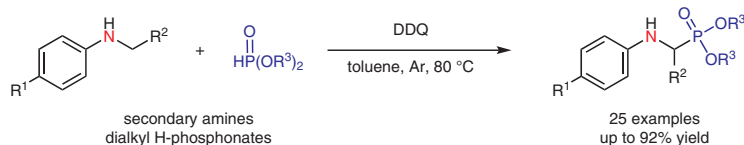
- mild conditions
- C(sp<sup>3</sup>)-H azidation
- 14 examples, up to 92% yield

R<sup>1</sup> = H, OMe, Me, Cl, Br  
R<sup>2</sup> = H, Me, Ph, 4-Tol  
R<sup>3</sup> = H, Me, Bn, Ph, Boc

Synlett 2019, 30, 114–118  
DOI: 10.1055/s-0037-1611362

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- Metal free
- Mild reaction condition
- C-P bond formation
- A gram-scale synthesis