

## Synthesis

### Asymmetric Synthesis of Ethers by Catalytic Alkene Hydroalkoxylation

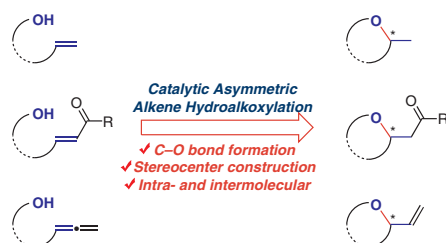
## Review

*Synthesis* **2020**, 52, 2127–2146  
DOI: 10.1055/s-0039-1690874

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2127

## Synthesis

### Manifestation of the $\beta$ -Silicon Effect in the Reactions of Unsaturated Systems Involving a 1,2-Silyl Shift

## Short Review

*Synthesis* **2020**, 52, 2147–2161  
DOI: 10.1055/s-0039-1690898

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2147

## Synthesis

## N-Phosphorylated Pyrrolidines: An Overview of Synthetic Approaches

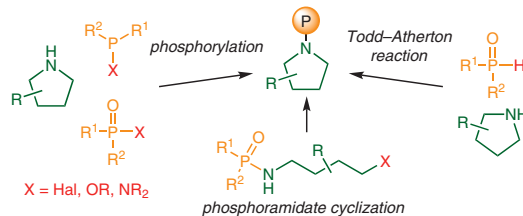
## Short Review

*Synthesis* 2020, 52, 2162–2170  
DOI: 10.1055/s-0039-1690889

2162

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## Synthesis

## A Bond-Weakening Borinate Catalyst that Improves the Scope of the Photoredox α-C–H Alkylation of Alcohols

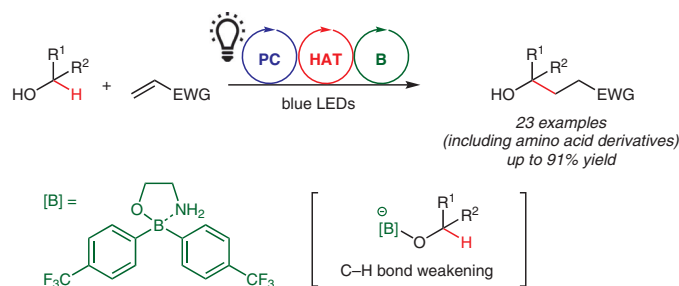
## Feature

*Synthesis* 2020, 52, 2171–2184  
DOI: 10.1055/s-0040-1707114

2171

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## Synthesis

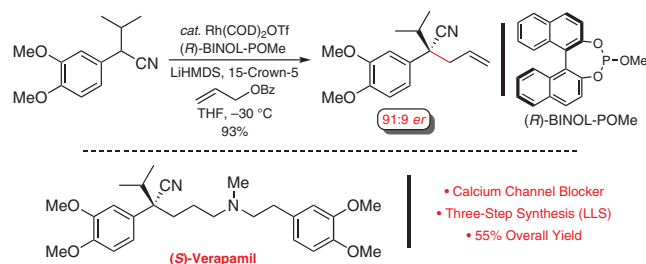
## A Concise and Modular Three-Step Synthesis of (S)-Verapamil using an Enantioselective Rhodium-Catalyzed Allylic Alkylation Reaction

## PSP

*Synthesis* 2020, 52, 2185–2189  
DOI: 10.1055/s-0040-1707390

2185

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## Synthesis

*Synthesis* 2020, 52, 2190–2195  
DOI: 10.1055/s-0040-1708017

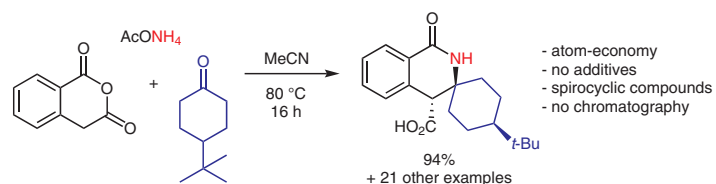
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### Three-Component Reaction of Homophthalic Anhydride with Carbonyl Compounds and Ammonium Acetate: New Developments

Paper

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## Synthesis

*Synthesis* 2020, 52, 2196–2223  
DOI: 10.1055/s-0039-1690833

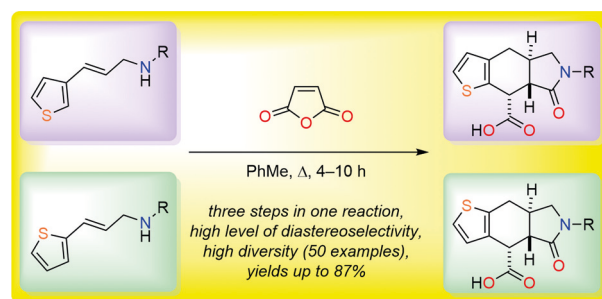
M. A. Nadirova  
Y.-O. V. Laba  
V. P. Zaytsev  
J. S. Sokolova  
K. M. Pokazeev  
V. A. Anokhina  
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### Application of the Intramolecular Diels–Alder Vinylarene (IMDAV) Approach for the Synthesis of Thieno[2,3-*f*]isoindoles

Paper

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## Synthesis

*Synthesis* 2020, 52, 2224–2232  
DOI: 10.1055/s-0040-1707945

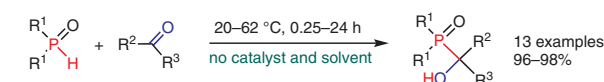
N. K. Gusarova  
N. I. Ivanova  
K. O. Khrapova  
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A. A. Telezhkin  
L. I. Larina  
A. V. Afonin  
D. V. Pavlov  
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### Catalyst- and Solvent-Free Hydrophosphorylation of Ketones with Secondary Phosphine Oxides: Green Synthesis of Tertiary $\alpha$ -Hydroxyphosphine Oxides

Paper

2224



$R^1 = \text{Ph}, \text{Ph}(\text{CH}_2)_2, 4\text{-ClC}_6\text{H}_4(\text{CH}_2)_2$   
 $R^2 = \text{CH}_2\text{C}(\text{=O})\text{OEt}, \alpha\text{-C}_6\text{H}_{11}, 4\text{-ClC}_6\text{H}_4, 4\text{-NO}_2\text{C}_6\text{H}_4, \text{Ph}$   
 $R^2 - R^3 = (\text{CH}_2)_4, (\text{CH}_2)_5; R^3 = \text{Me}, \text{CH}_2\text{Cl}, 2\text{-Py}$

## Synthesis

*Synthesis* 2020, 52, 2233–2240  
DOI: 10.1055/s-0040-1707816

C. R.

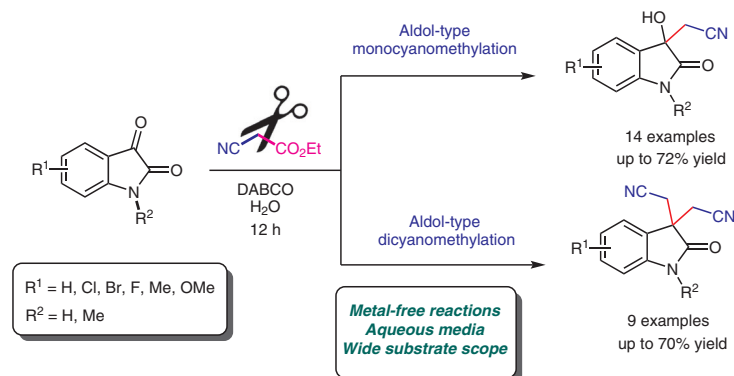
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### Krapcho Dealkoxycarbonylation Strategy of Ethyl Cyanoacetate for the Synthesis of 3-Hydroxy-3-cyanomethyl-2-oxindoles and 3,3'-Dicyanomethyl-2-oxindoles in a Reaction with Isatin

Paper

2233



## Synthesis

*Synthesis* 2020, 52, 2241–2244  
DOI: 10.1055/s-0040-1708018

J. E. Hernández-Martínez

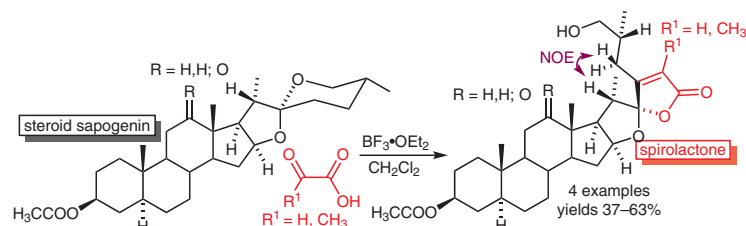
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### BF<sub>3</sub>·OEt<sub>2</sub>-Catalyzed Aldol Condensation of Steroid Sapogenins and 2-Oxoacids: A Single Step Conversion of Steroid Spiroketal into Branched $\alpha,\beta$ -Unsaturated Spirolactones

Paper

2241



## Synthesis

*Synthesis* 2020, 52, 2245–2258  
DOI: 10.1055/s-0039-1690881

A. Kumari

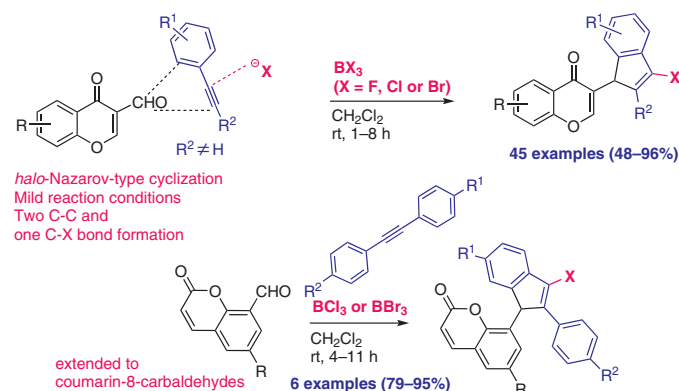
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### BX<sub>3</sub>-Mediated Intermolecular Formation of Functionalized 3-Halo-1*H*-indenes via Cascade Halo-Nazarov-Type Cyclization

Paper

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## Synthesis

Synthesis 2020, 52, 2259–2266  
DOI: 10.1055/s-0040-1707525

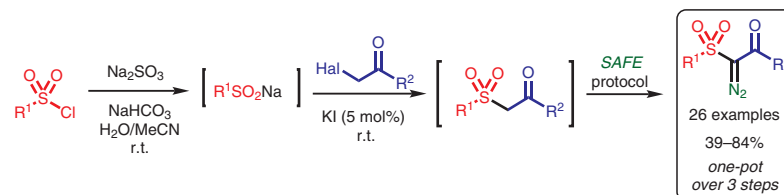
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G. Kantin  
O. Bakulina  
M. Krasavin\*

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### Facile One-Pot Access to $\alpha$ -Diazo- $\beta$ -ketosulfones from Sulfonyl Chlorides and $\alpha$ -Haloketones

Paper

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## Synthesis

Synthesis 2020, 52, 2267–2276  
DOI: 10.1055/s-0040-1707471

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E. V. Chernyshova  
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S. A. Usachev  
V. Y. Sosnovskikh

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### Direct Synthesis of 5-Acyl-3-oxy-4-pyrones Based On Acid-Catalyzed Acylation of Enaminodiones with Acylbenzotriazoles via Soft Enolization

Paper

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