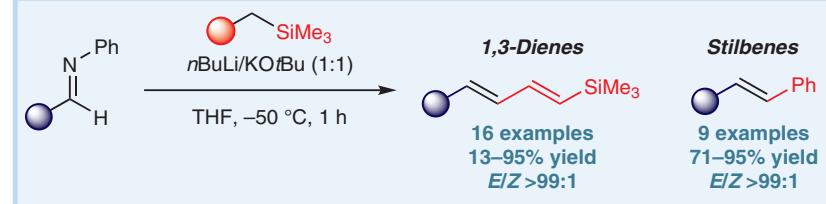


# Synthesis

Reviews and Full Papers in Chemical Synthesis

October 1, 2021 • Vol. 53, 3409–3638



Aza-Peterson Olefinations: Rapid Synthesis of (*E*)-Alkenes

T. K. Britten, A. J. Basson, D. D. Roberts, M. G. McLaughlin

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 Thieme

## Synthesis

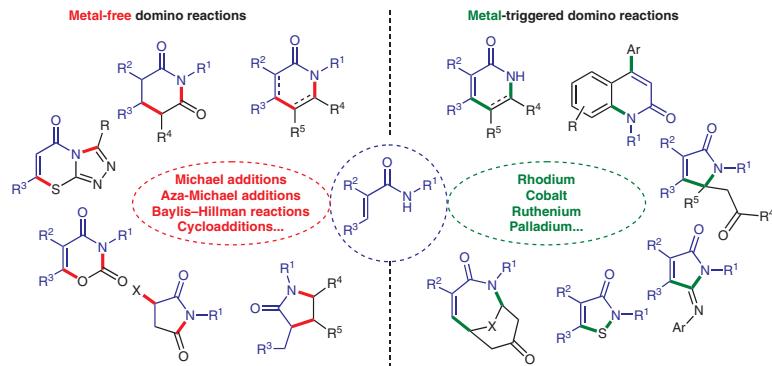
*Synthesis* 2021, 53, 3409–3469  
DOI: 10.1055/a-1503-7932

## 20 Years of Forging N-Heterocycles from Acrylamides through Domino/Cascade Reactions

Review  
3409

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## Synthesis

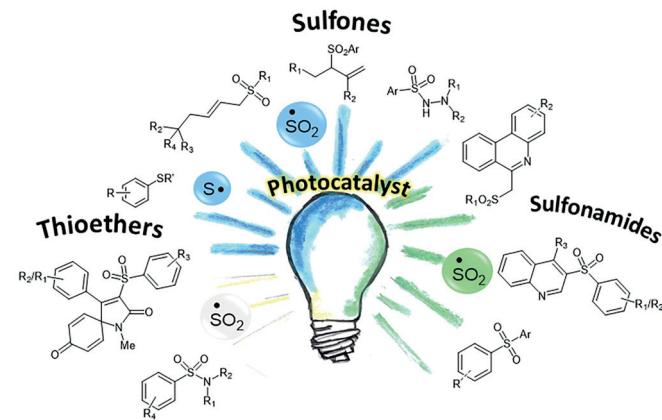
*Synthesis* 2021, 53, 3440–3468  
DOI: 10.1055/a-1509-5541

## Visible Light as the Key for the Formation of Carbon–Sulfur Bonds in Sulfones, Thioethers, and Sulfonamides: An Update

Review  
3440

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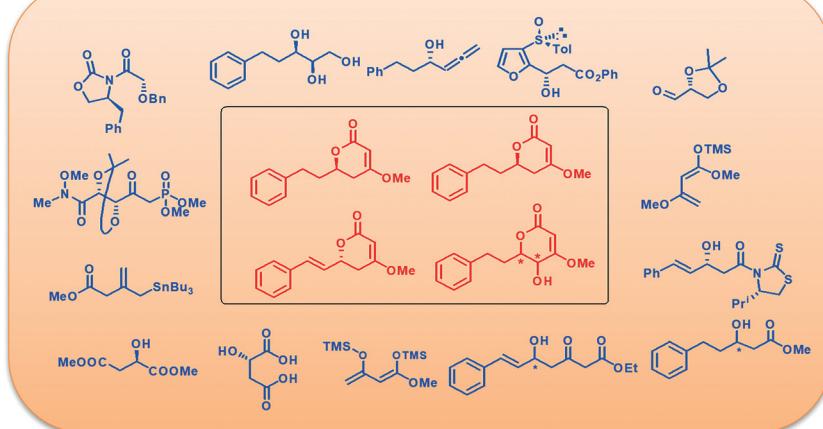


Synthesis 2021, 53, 3469–3484  
DOI: 10.1055/s-0040-1706044

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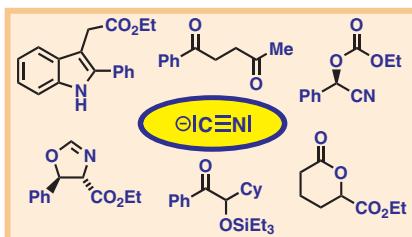


Synthesis 2021, 53, 3485–3496  
DOI: 10.1055/a-1499-8943

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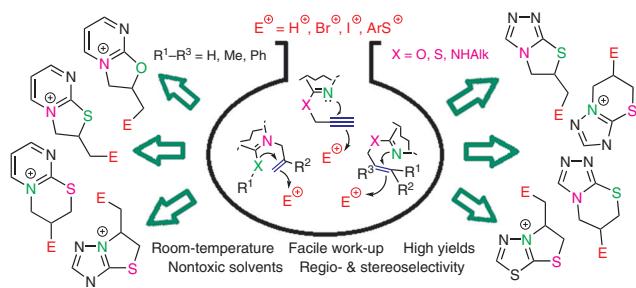


Synthesis 2021, 53, 3497–3512  
DOI: 10.1055/s-0040-1706036

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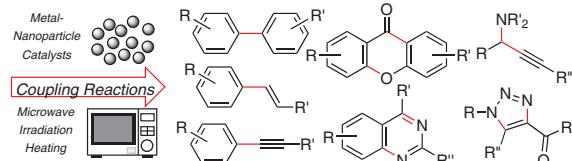
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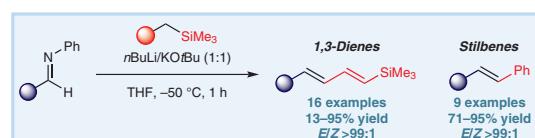
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**D. Huang\***  
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Ministry of Science & Technology, P. R. of China

- $R^1\equiv R^2$
1. radical addition and coupling
  2. **electrophilic** addition
  3.  $R^2 = \text{Br, I, Cl or Cu}$
  4. cyclization
  5. cyclization and ring opening

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**Synthesis**

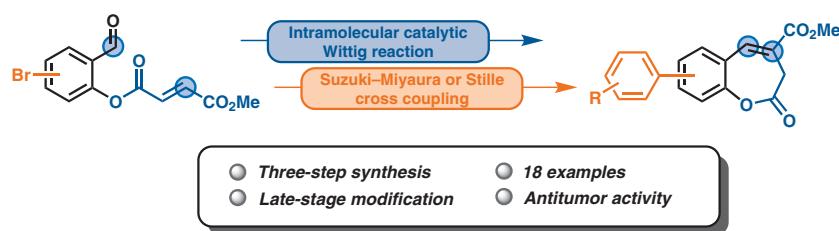
*Synthesis* 2021, 53, 3545–3554  
DOI: 10.1055/a-1509-6078

**Base-Free Catalytic Wittig-/Cross-Coupling Reaction Sequence as Short Synthetic Strategy for the Preparation of Highly Functionalized Arylbenzoxepinones****Feature**

3545

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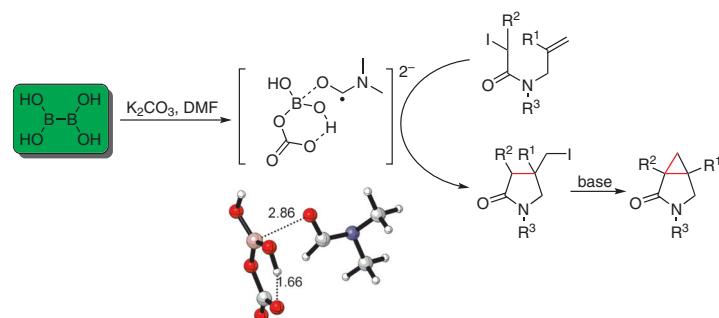
**Synthesis****Tetrahydroxydiboron-Initiated Atom-Transfer Radical Cyclization****Feature**

3555

*Synthesis* 2021, 53, 3555–3563  
DOI: 10.1055/a-1485-4956

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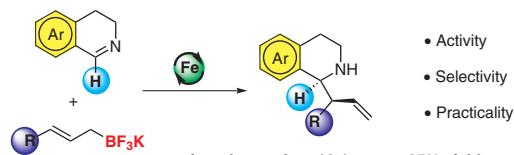
**Synthesis****Iron-Catalyzed Stereoselective Allylboration of 3,4-Dihydroisoquinolines with Potassium Allyltrifluoroborates****Feature**

3564

*Synthesis* 2021, 53, 3564–3572  
DOI: 10.1055/a-1493-6420

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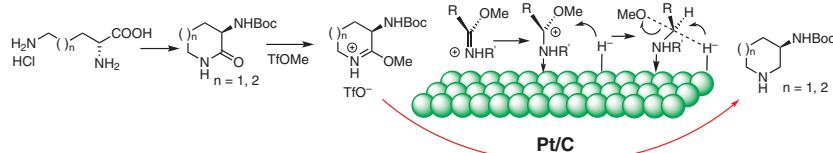


Synthesis 2021, 53, 3573–3577  
DOI: 10.1055/a-1526-7657

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Synthesis 2021, 53, 3578–3584  
DOI: 10.1055/a-1509-5175

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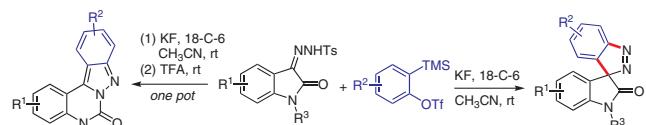
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Synthesis 2021, 53, 3585–3590  
DOI: 10.1055/a-1479-6611

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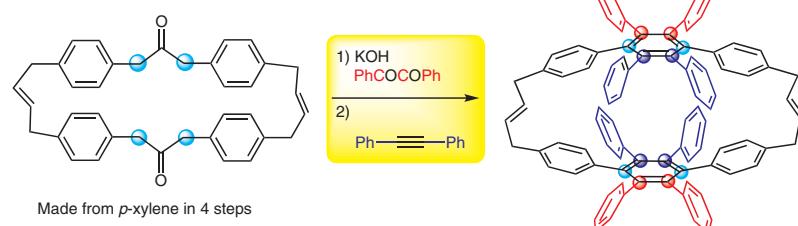
**M. Thapa**

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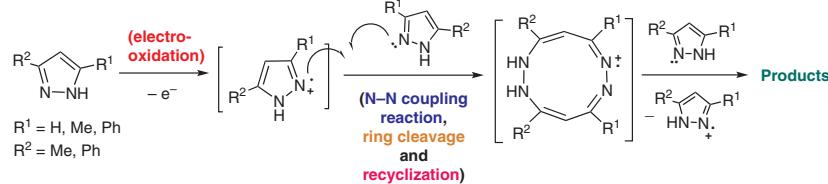
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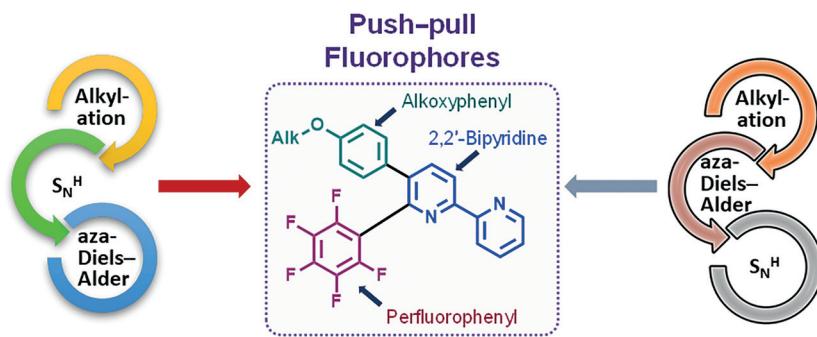
Synthesis 2021, 53, 3591–3596  
DOI: 10.1055/s-0040-1706050

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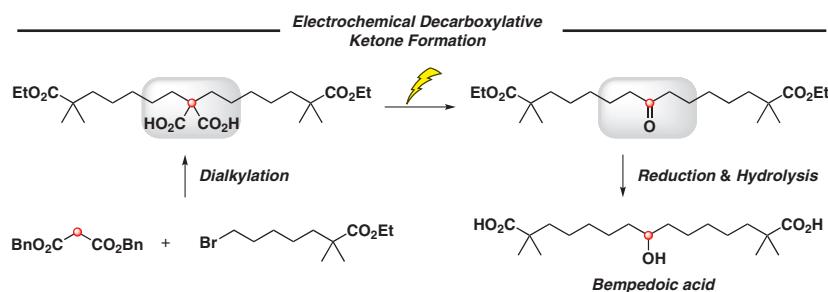
Synthesis 2021, 53, 3597–3607  
DOI: 10.1055/a-1500-1343

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Synthesis 2021, 53, 3608–3612  
DOI: 10.1055/a-1482-9822

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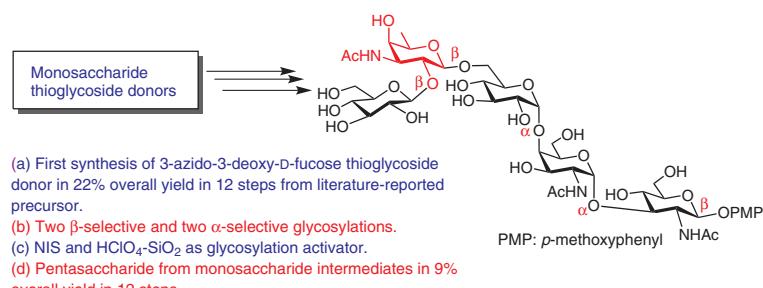


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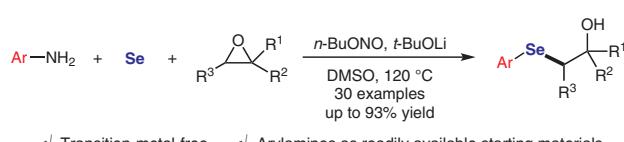
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