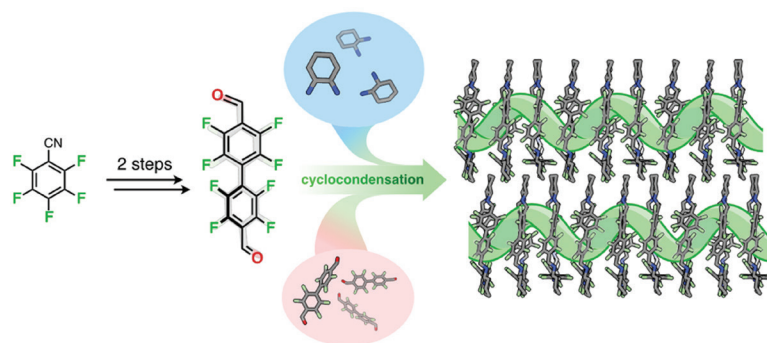


Special Section

12th EuCheMS Organic Division Young Investigator Workshop

Barcelona, Spain, November 25–26, 2021



Highly Fluorinated Trianglimine Macrocycles:

A Supramolecular Organic Framework

T. Kunde, T. Pausch, G. J. Reiss, B. M. Schmidt

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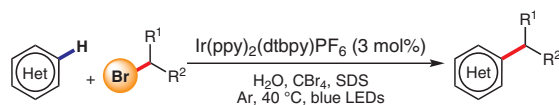
Synlett

Synlett 2022, 33, 103–108
DOI: 10.1055/a-1404-2763

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Alkyl Halides as Substrates for Photocatalytic Minisci-Type C–H Alkylation of Hetarenes



- 1960s discovery by Minisci
- 2020
- catalytic additives
 - commercially available LEDs
 - mild aqueous conditions

Synfacts

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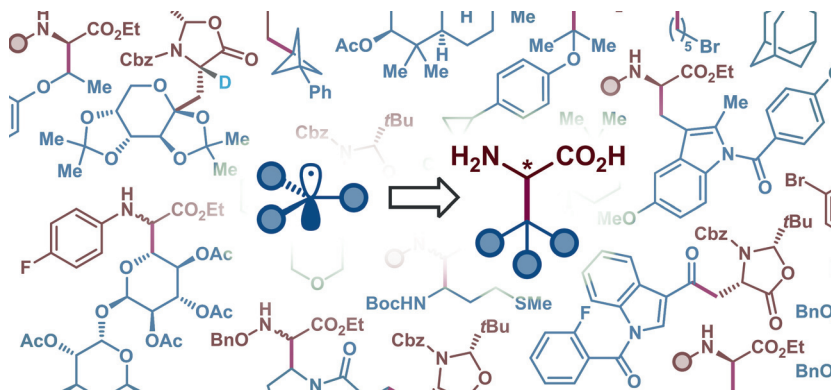
Synlett

Synlett 2022, 33, 109–115
DOI: 10.1055/a-1499-8679

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Photoredox-Enabled Decarboxylative Synthesis of Unnatural α -Amino Acids

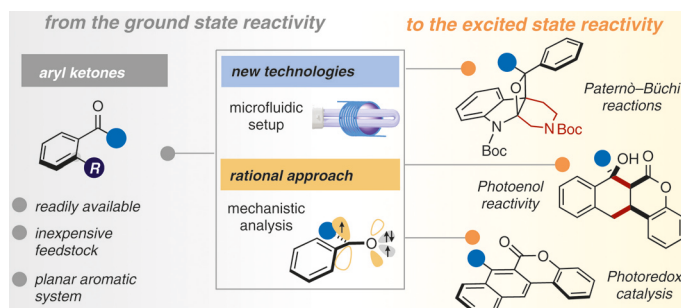


Synfacts

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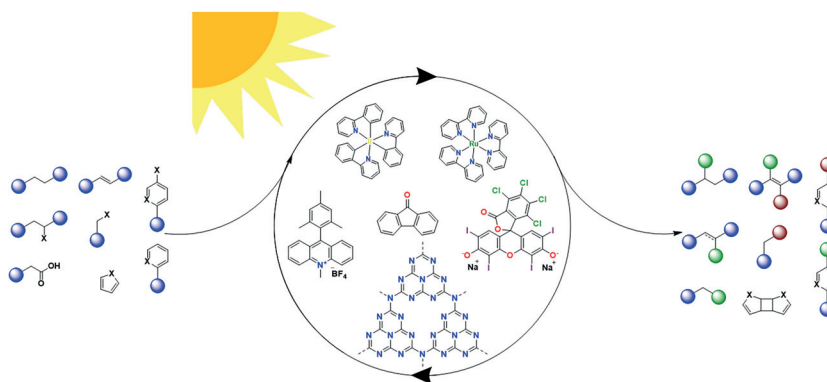
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Unlocking the Synthetic Potential of Light-Excited Aryl Ketones: Applications in Direct Photochemistry and Photoredox Catalysis



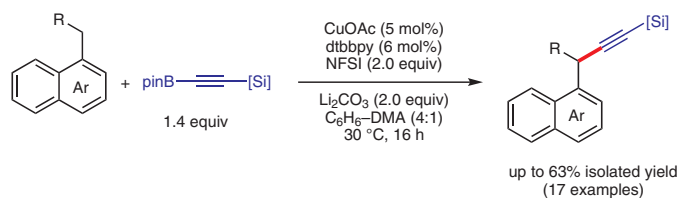
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Photocatalysis: A Green Tool for Redox Reactions



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Copper-Catalyzed Alkynylation of Benzylic C–H Bonds with Alkynylboronic Esters

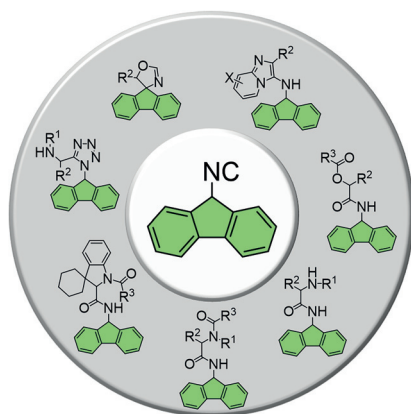


- First use of alkynylboronic esters as nucleophiles
- Mild reaction conditions
- Enantioselective examples included

Synlett 2022, 33, 155–160
DOI: 10.1055/a-1471-9080

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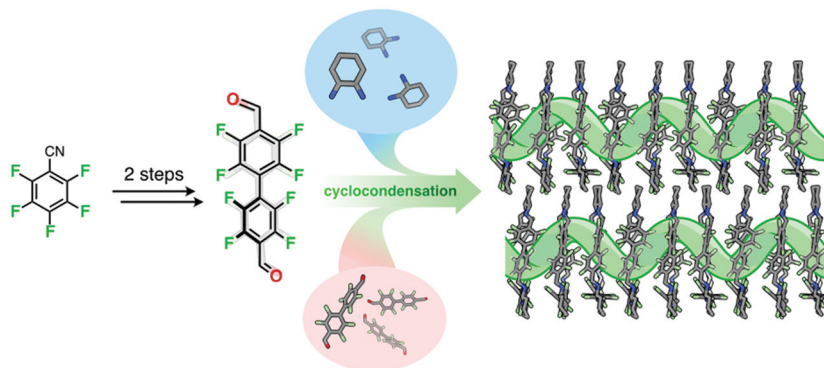


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Synlett 2022, 33, 161–165
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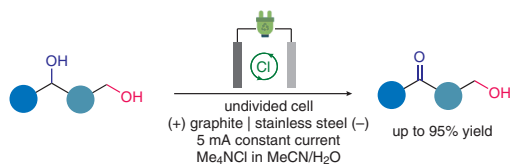


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Synlett 2022, 33, 166–170
DOI: 10.1055/a-1511-8869

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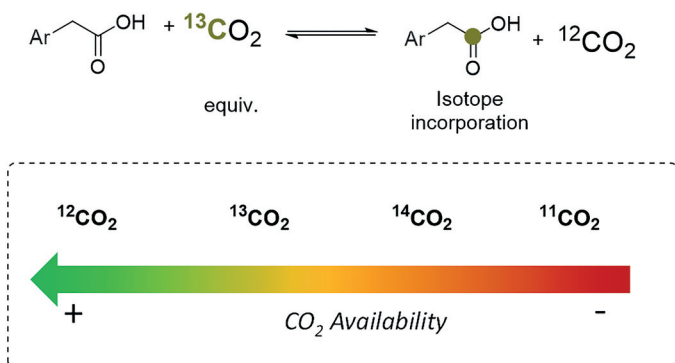


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Synlett 2022, 33, 171–176
DOI: 10.1055/s-0040-1720447

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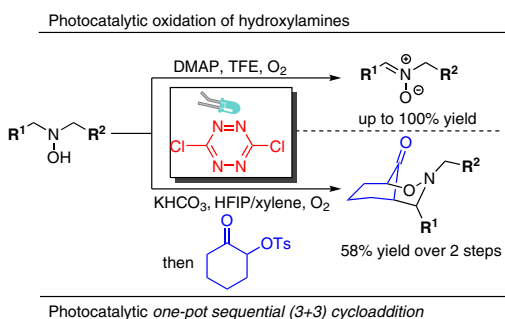
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Synlett 2022, 33, 177–181
DOI: 10.1055/s-0040-1691-0449

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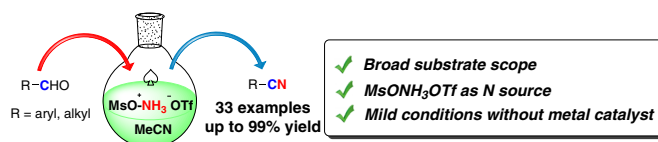
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Synlett 2022, 33, 182–186
DOI: 10.1055/s-0041-1737293

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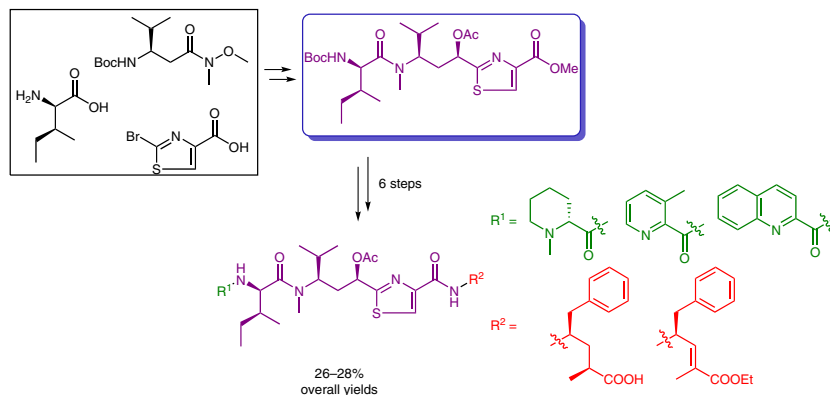
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