

• One-pot • Metal-free • Open to air
• R = aryl, alkyl, heteroatom • 20 Examples • Up to 96% yield

Direct Methenylation of 4-Alkylpyridines Using Eschenmoser's Salt
G. N. Shivers, S. L. Tun, S. L. McLean, F. C. Pigge

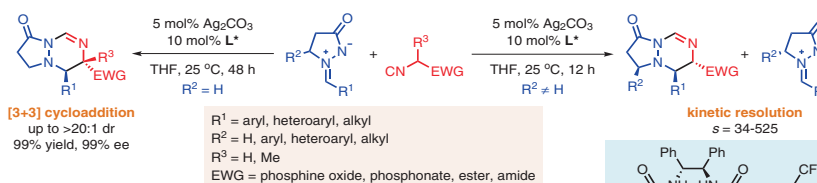
Synlett

Synlett 2022, 33, 1873–1878
DOI: 10.1055/a-1904-0582

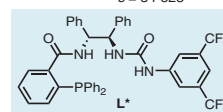
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L. Qian*
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P. R. of China

Catalytic Asymmetric [3+3] Cycloaddition of Activated Isocyanides with Azomethine Imines



- ◆ High yields
- ◆ Good to excellent stereoselectivities
- ◆ Wide substrate scope
- ◆ Simple procedure
- ◆ Late-stage functionalization of complex bioactive molecules



Synpacts

1873

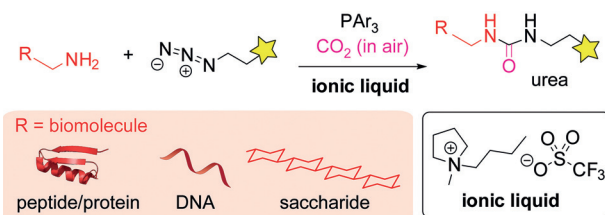
Synlett

Synlett 2022, 33, 1879–1883
DOI: 10.1055/a-1908-2066

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J. Ohata*

North Carolina State University,
USA

Translation of a Phosphine- and Azide-Based Reaction to Chemical Modification of Biomolecules in Ionic Liquid



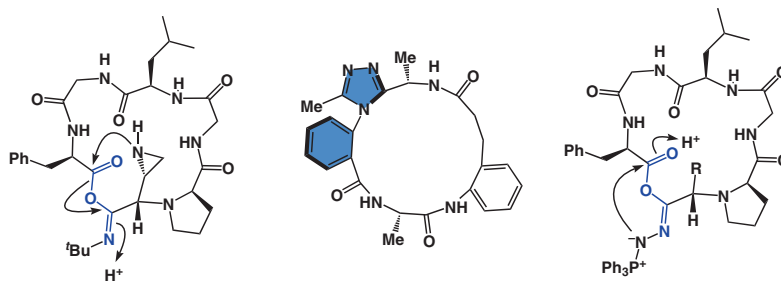
Synpacts

1879

Synlett 2022, 33, 1884–1889
DOI: 10.1055/a-1892-9671

A. K. Yudin*

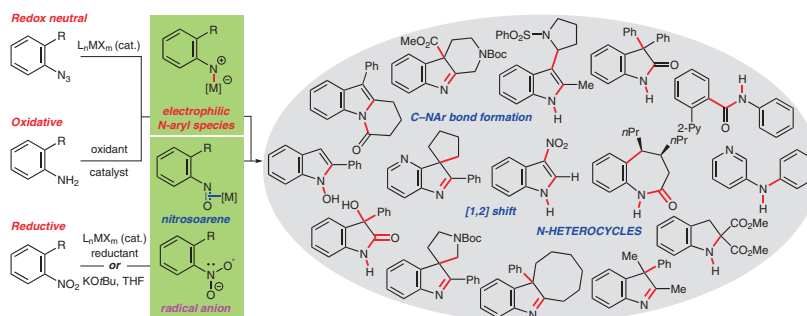
The University of Toronto,
Canada



Synlett 2022, 33, 1890–1901
DOI: 10.1055/a-1918-4191

T. G. Driver*

University of Illinois at Chicago,
USA



Synlett 2022, 33, 1902–1906
DOI: 10.1055/a-1916-5335

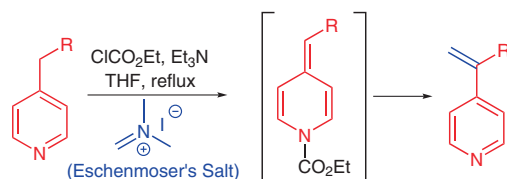
G. N. Shivers

S. L. Tun

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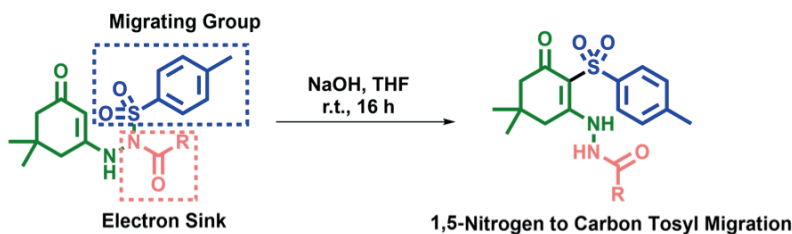
• One-pot • Metal-free • Open to air
• R = aryl, alkyl, heteroatom • 20 Examples • Up to 96% yield

Synlett

Synlett 2022, 33, 1907–1912
DOI: 10.1055/a-1893-7550G. S. Mathenjwa
M. P. Akerman
M. L. Bode
C. G. Veale*University of Cape Town, South
AfricaSynthetic and Mechanistic Investigation of an Unexpected
Intramolecular 1-5 Nitrogen to Carbon Tosyl Migration

Letter

1907



Synlett

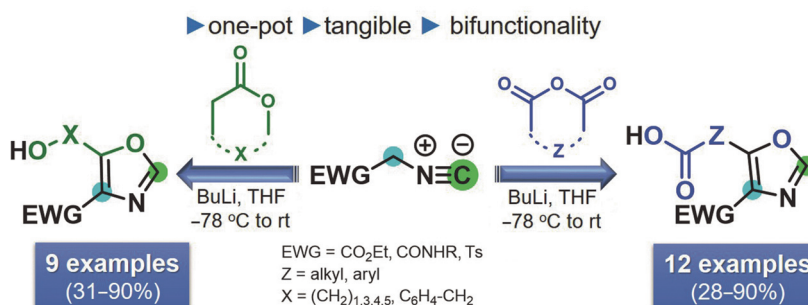
Synlett 2022, 33, 1913–1916
DOI: 10.1055/a-1921-0928M. Fragkiadakis
C. G. Neochoritis*

University of Crete, Greece

 α -Metalated Isocyanides Toward a Tangible Reagent Space

Letter

1913

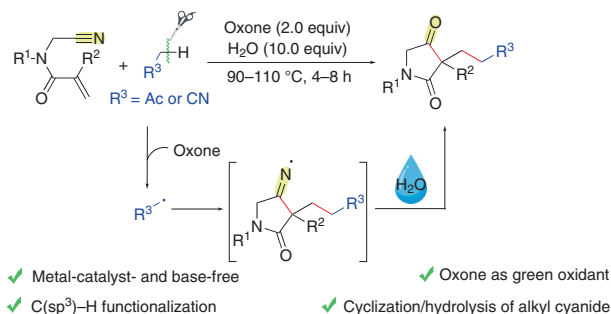


Synlett

Synlett 2022, 33, 1917–1924
DOI: 10.1055/a-1930-7294Y.-T. Guan
J.-Z. Li
X.-E. Cai
S.-J. Hu
J.-H. Zhang
K.-W. Lei*
H. Liu*
W.-T. Wei*Ningbo University, P. R. of China
Wenzhou University, P. R. of
ChinaOxone-Promoted Cyclization/Hydrolysis of 1,5-Enitriles
Initiated *via* Direct C(sp³)-H Oxidative Functionalization:
Access to Pyrrolidine-2,4-diones

Letter

1917



Synlett

Synlett 2022, 33, 1925–1928
DOI: 10.1055/s-0042-1753041

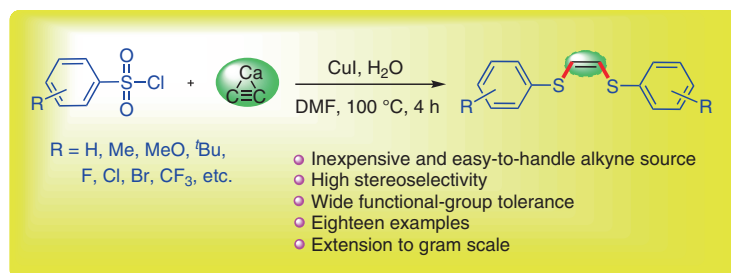
Q. Wang
Z. Wang
Z. Li*

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P. R. of China

Stereoselective Synthesis of (Z)-1,2-Bis(arylsulfanyl)ethenes with Calcium Carbide as a Solid Alkyne Source

Letter

1925



Synlett

Synlett 2022, 33, 1929–1932
DOI: 10.1055/s-0042-1752344

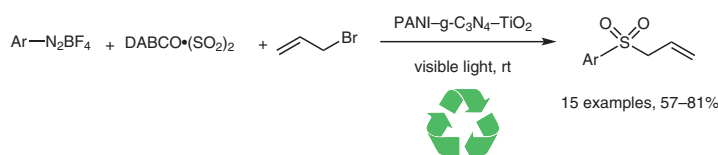
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L.-f. Zhang

Changzhou Vocational Institute
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Heterogeneous Photocatalytic Radical Synthesis of Aryl Allyl Sulfones

Letter

1929



Synlett

Synlett 2022, 33, 1933–1937
DOI: 10.1055/a-1932-9317

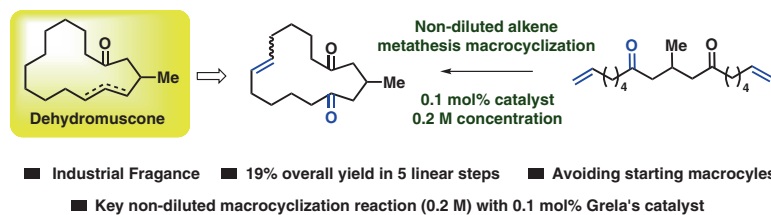
F. Garnes-Portolés
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València-Consejo Superior de In-
vestigaciones Científicas, Spain

Synthesis of Dehydromuscone by an Alkene Metathesis Macro- cyclization Reaction at 0.2 M Concentration

Letter

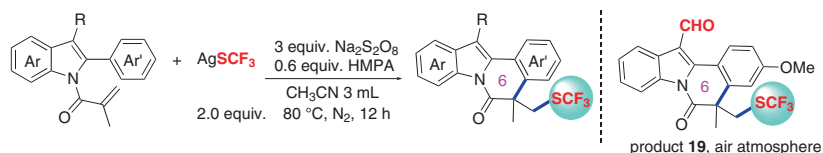
1933



Synlett 2022, 33, 1938–1942
DOI: 10.1055/a-1937-9244

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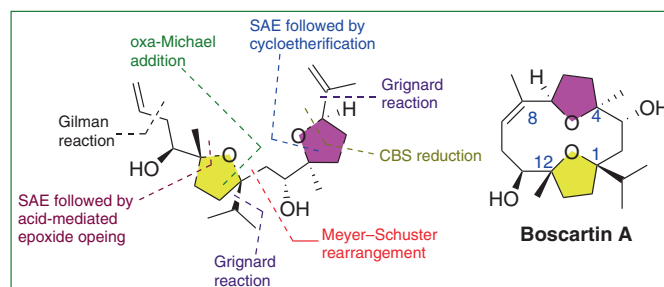


- broad substrate scope, yields up to 82%
- simple and available reaction conditions
- easy scale-up radical system
- value SCF₃-modified *N*-heterocycles

Synlett 2022, 33, 1943–1947
DOI: 10.1055/a-1928-7408

D. Saha
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Synlett 2022, 33, 1948–1952
DOI: 10.1055/a-1938-1294

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