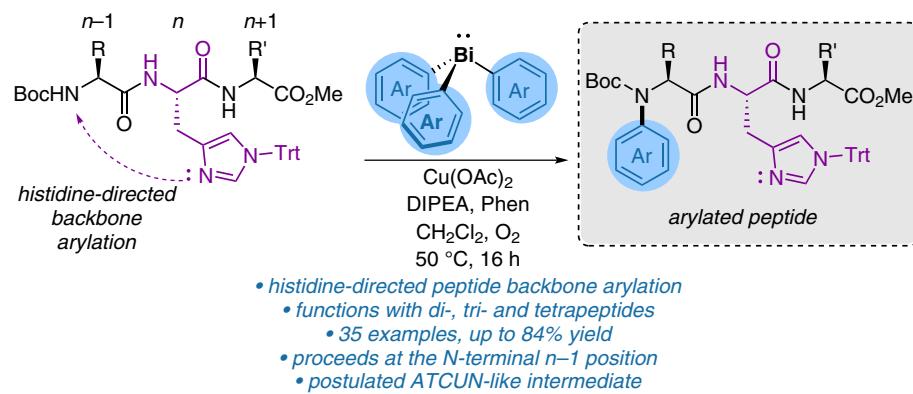


Synthesis

Reviews and Full Papers in Chemical Synthesis

August 17, 2022 • Vol. 54, 3499–3666



On the Copper-Promoted Backbone Arylation of Histidine-Containing Peptides Using Triarylboronates

H.-C. Chan, A. Gagnon

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Thieme

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Synthesis 2022, 54, 3499–3557
DOI: 10.1055/a-1783-0751

P. Klahn*

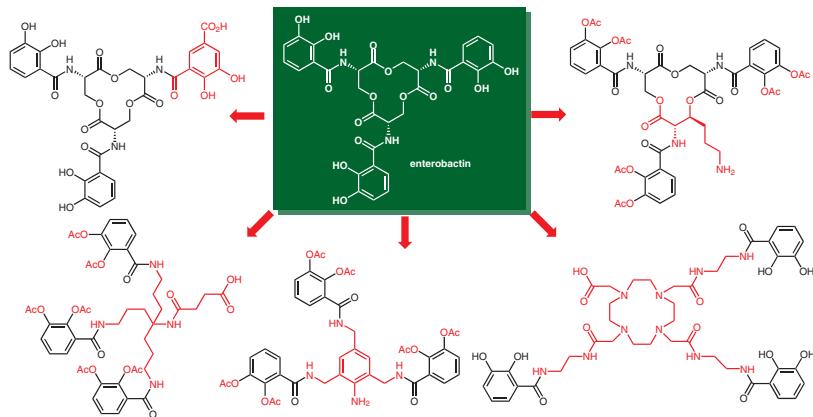
R. Zscherp

C. C. Jimidar

Technische Universität Braunschweig, Germany
University of Gothenburg,
Sweden

Advances in the Synthesis of Enterobactin, Artificial Analogues, and Enterobactin-Derived Antimicrobial Drug Conjugates and Imaging Tools for Infection Diagnosis

Review
3499



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Synthesis 2022, 54, 3558–3567
DOI: 10.1055/s-0041-1737411

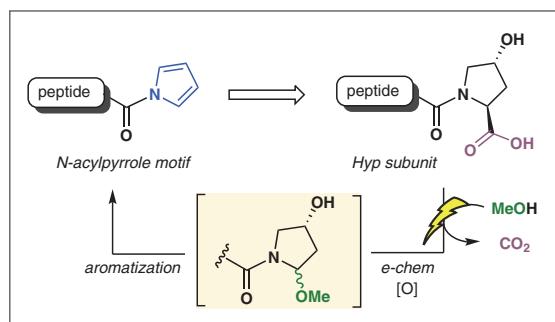
Y. Lin

L. R. Malins*

Australian National University,
Australia

Synthesis of Peptide N-Acylpyrroles via Anodically Generated N,O-Acetals

Feature
3558



Synthesis

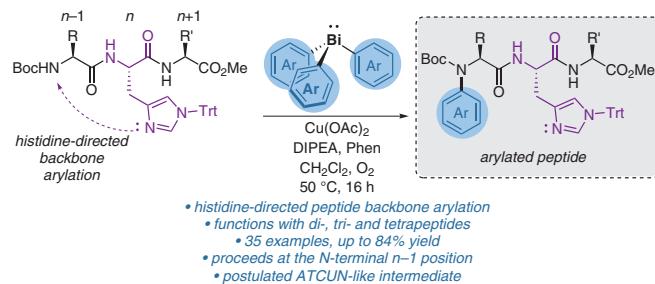
Synthesis 2022, 54, 3568–3587
DOI: 10.1055/a-1786-6578

On the Copper-Promoted Backbone Arylation of Histidine-Containing Peptides Using Triaryl bismuthines**Feature**

3568

H.-C. Chan**A. Gagnon***

Université du Québec à Montréal, Canada

**Synthesis**

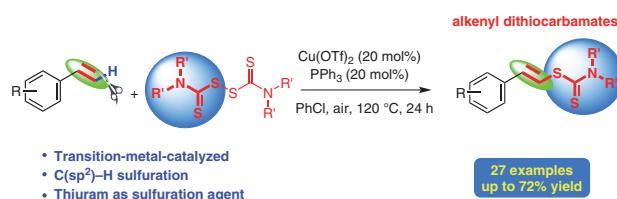
Synthesis 2022, 54, 3588–3594
DOI: 10.1055/a-1820-2475

Copper-Catalyzed Direct C(sp²)–H Sulfuration of Aryl Alkenes by Using Tetraalkylthiuram Disulfides for the Synthesis of Alkenyl Dithiocarbonates**Paper**

3588

J. Jiao**Z. Zhang***

East China University of Science & Technology, P. R. of China

**Synthesis**

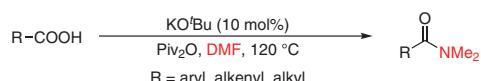
Synthesis 2022, 54, 3595–3604
DOI: 10.1055/a-1817-1965

Potassium tert-Butoxide Facilitated Amination of Carboxylic Acids with N,N-Dimethylformamide**Paper**

3595

Y. Huang**J. Zhang***

Wuhan University, P. R. of China



- transition-metal- and oxidant-free
- broad substrate scope with excellent functional group tolerance
- applicable in late-stage amidation of complex drug molecules

Synthesis

Synthesis 2022, 54, 3605–3612
DOI: 10.1055/a-1807-3188

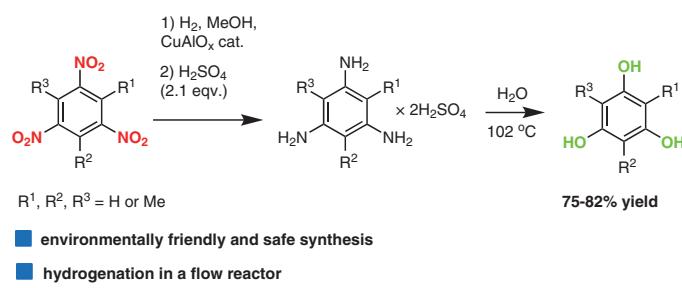
Flow Hydrogenation of 1,3,5-Trinitrobenzenes over Cu-Based Catalysts as an Efficient Approach for the Preparation of Phloroglucinol Derivatives

Paper

3605

A. L. Nuzhdin***I. Shchurova****M. V. Bukhtiyarova****O. A. Bulavchenko****N. A. Alekseyeva****S. V. Sysolyatin****G. A. Bukhtiyarova**

Boreskov Institute of Catalysis SB
RAS, Russian Federation

**Synthesis**

Synthesis 2022, 54, 3613–3622
DOI: 10.1055/s-0040-1719924

Recyclable Palladium-Catalyzed Carbonylative Coupling of 2-Iodoanilines, Trimethyl Orthoformate, and Amines: A Practical Synthesis of Quinazolin-4(3*H*)-ones

Paper

3613

J. Li**Z. Zhou****G. Xie****M. Cai***

Jiangxi Normal University,
P. R. of China

**Synthesis**

Synthesis 2022, 54, 3623–3630
DOI: 10.1055/a-1828-1560

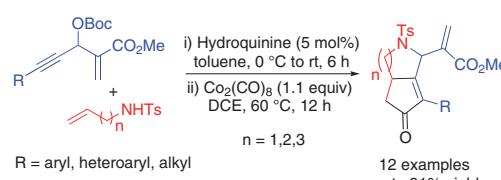
A Strategy for the Synthesis of Bicyclic Fused Cyclopentenones from MBH-Carbonates of Propiolaldehydes

Paper

3623

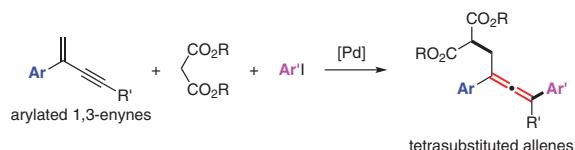
C. R. Reddy***S. Z Mohammed****P. Kumaraswamy****R. C. Kajare****A. D. Patil****V. S. Rao Ganga****A. Ramaraju****B. Sridhar**

CSIR-Indian Institute of Chemical
Technology (CSIR-IICT), India



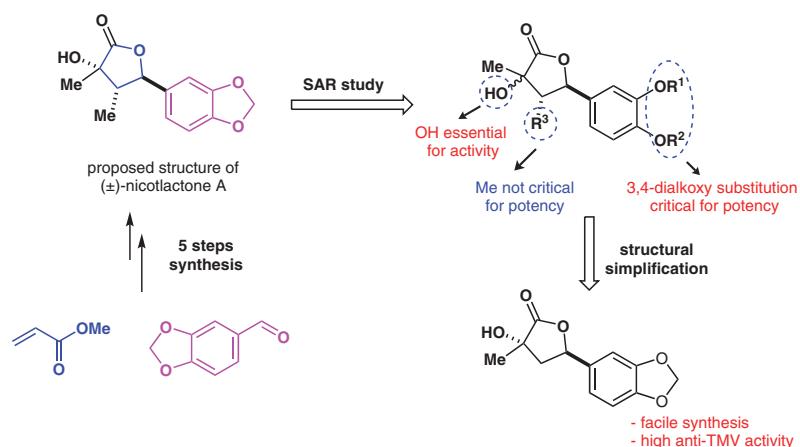
J. Bao
R. Wei
Y. Li*
H. Bao

Fujian Institute of Research on the Structure of Matter,
P. R. of China

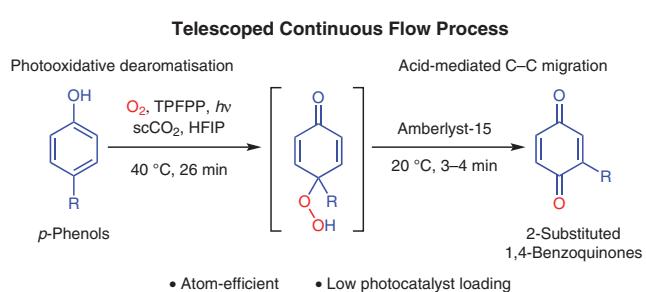


H.-W. He
Y. Chi
C.-Y. Chen
F.-Y. Wang
J.-X. Wang
D. Xu
H. Zhou*
G. Xu*

Northwest A & F University,
P. R. of China
State Key Laboratory of Crop
Stress Biology for Arid Areas,
P. R. of China



B. L. Abreu
H. Boufroua
J. C. Moore
M. Poliakoff
M. W. George*
University of Nottingham, UK



Y. V. Ostapiuk*
M. Y. Ostapiuk
O. V. Barabash
M. Kravets
C. Herzberger
J. C. Namyslo
M. D. Obushak
A. Schmidt*

Ivan Franko National University
of Lviv, Ukraine
Clausthal University of Technology, Germany

One-Pot Syntheses of Substituted 2-Aminothiazoles and 2-Amino-selenazoles via Meerwein Arylation of Alkyl Vinyl Ketones

