

Highly Efficient Synthesis of Digoxin

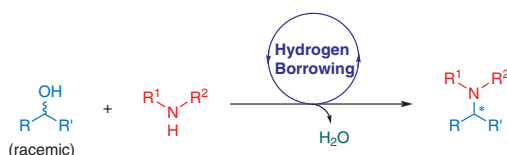
H. Liu, S.-Y. Zhou, J.-X. Liao, Y.-H. Tu, J.-S. Sun

Synlett 2021, 32, 743–751
DOI: 10.1055/a-1335-7070

743

K. Wang
M. Xiao
C. Wang*

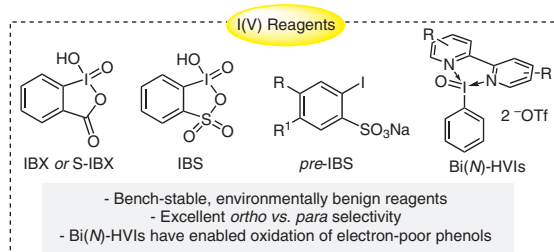
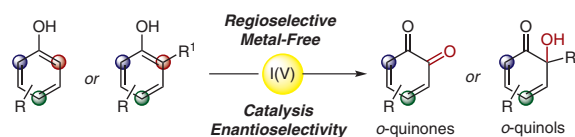
Shaanxi Normal University, P. R.
of China



Synlett 2021, 32, 752–762
DOI: 10.1055/s-0037-1610760

752

X. Xiao
S. E. Wengryniuk*
Temple University, USA



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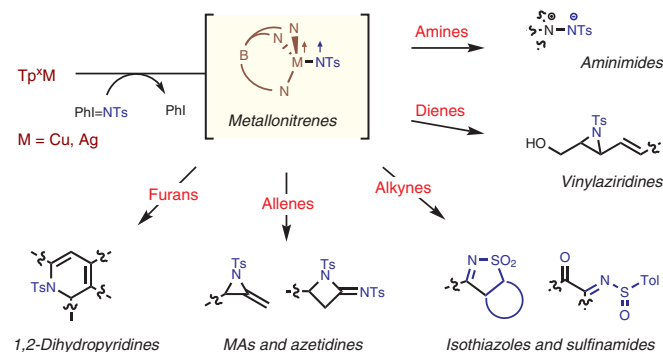
Synlett 2021, 32, 763–774
DOI: 10.1055/s-0040-1706534M. R. Rodríguez
M. M. Díaz-Requejo*
P. J. Pérez*

Universidad de Huelva, Spain

Development of Molecular Complexity through Nitrene-Transfer Reactions Catalyzed by Copper and Silver Scorpionate Complexes

Account

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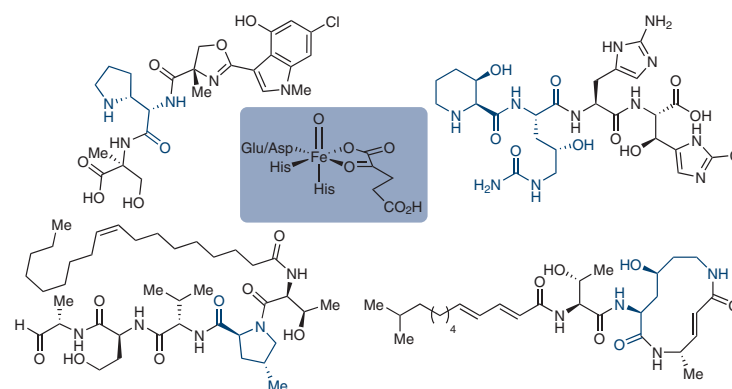


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Synlett 2021, 32, 775–784
DOI: 10.1055/s-0040-1707320H. Renata*
The Scripps Research Institute,
USAExploration of Iron- and α -Ketoglutarate-Dependent Dioxygenases as Practical Biocatalysts in Natural Product Synthesis

Account

775



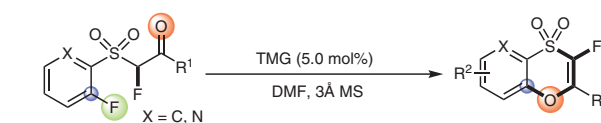
Synlett

Synlett 2021, 32, 785–789
DOI: 10.1055/a-1387-8862L. Kang
J. Zhang
H. Yang
J. Qian*
G. Jiang*Lanzhou Institute of Chemical
Physics, P. R. of China

Base-Catalyzed Intramolecular Defluorination/O-Arylation Reaction for the Synthesis of 3-Fluoro-1,4-oxathiane 4,4-Dioxide

Letter

785



- ★ Catalytic amount of base
- ★ 3Å MS act as deacid reagent and activator
- ★ Excellent yields up to 98%
- ★ Scaled up easily

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Synlett 2021, 32, 790–794
DOI: 10.1055/a-1392-2209

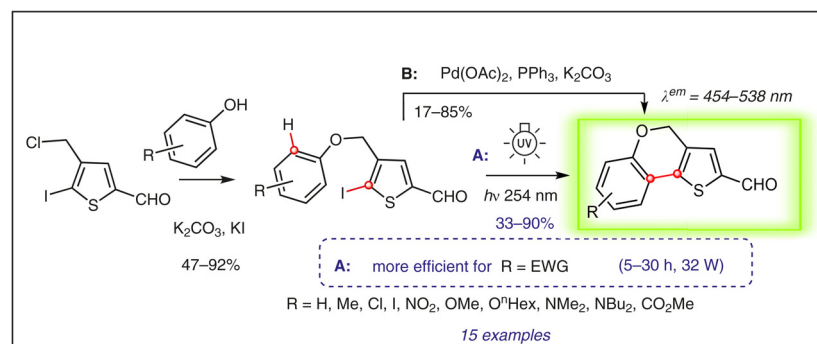
E. B. Ulyankin
Y. P. Bogza
A. S. Kostyuchenko
S. A. Chernenko
A. L. Samsonenko
A. L. Shatsauskas
V. L. Yurpalov
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Omsk State Technical University,
Russian Federation

Photochemical Synthesis of 4*H*-Thieno[3,2-*c*]chromene and Their Opti-
cal Properties

Letter

790



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Synlett 2021, 32, 795–799
DOI: 10.1055/a-1385-2345

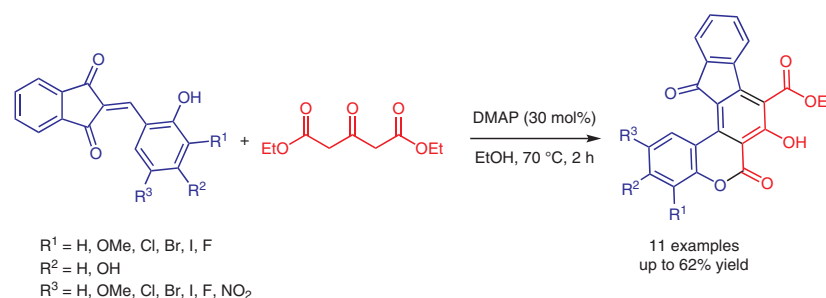
M. Shkoor*
R. Bayari

Qatar University, Qatar

DMAP-Catalyzed Reaction of Diethyl 1,3-Acetonedicarboxylate with
2-Hydroxybenzylideneindenediones: Facile Synthesis of Fluorenone-
Fused Coumarins

Letter

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Synlett 2021, 32, 800–804
DOI: 10.1055/a-1387-5435

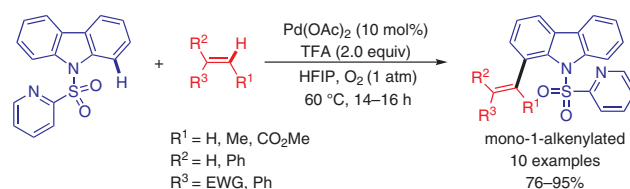
D. Guo
B. Li
W. Gao
W. Zhang
Y. Wang*
J. Zhao*

Shanxi Agricultural University,
P. R. of China
Northwest University, P. R. of
China

Study on Palladium(II)-Catalyzed Mono-1-alkenylation of 9*H*-Carba-
zoles

Letter

800



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Synlett 2021, 32, 805–809
DOI: 10.1055/s-0037-1610766

W. Chen

X. Tu

M. Xu

Y. Chu

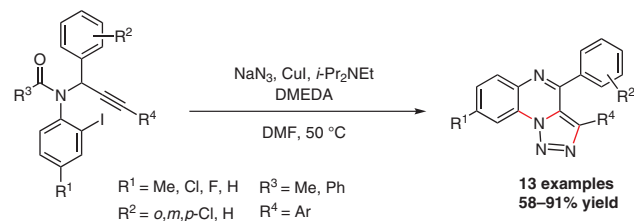
Y. Zhu*

Zhejiang University of Technology,
P. R. of China

Copper(I) Iodide Catalyzed Tandem Reactions of *N*-Propargyl-*N*-(2-iodoaryl)amides with Sodium Azide: An Efficient Synthesis of [1,2,3]Triazolo[1,5-*a*]quinoxalines

Letter

805



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Synlett 2021, 32, 810–813
DOI: 10.1055/a-1346-5650

H. Liu

S.-Y. Zhou

J.-X. Liao*

Y.-H. Tu

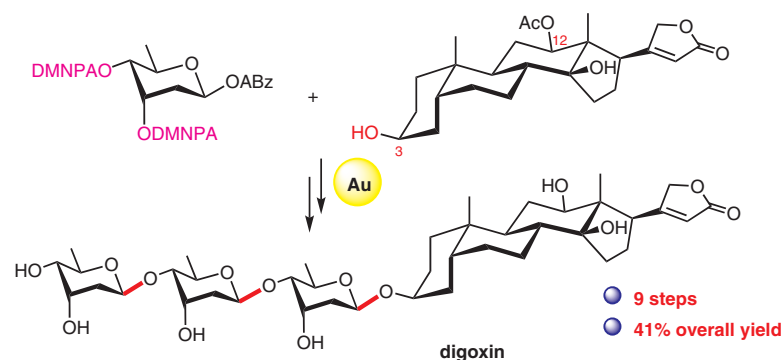
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Highly Efficient Synthesis of Digoxin

Letter

810



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Synlett 2021, 32, 814–816
DOI: 10.1055/a-1384-0159

C. J. O'Brien

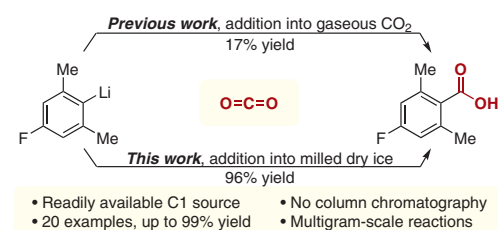
D. A. Nicewicz*

The University of North Carolina
at Chapel Hill, USA

Milled Dry Ice as a C1 Source for the Carboxylation of Aryl Halides

Letter

814

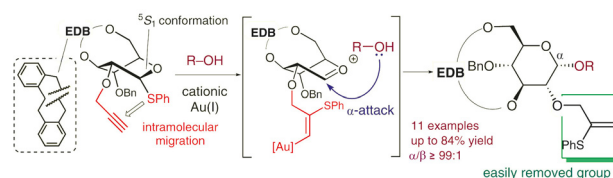


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Synlett 2021, 32, 817–821
DOI: 10.1055/a-1384-2931K. Ikeuchi*
S. Matsumoto
D. Ikuta
H. YamadaHokkaido University, Japan
Kansei Gakuin University, JapanGlycosylation by Alkyne Activation of the 2-O-Substituted Propargyl Group in a β -Phenylthioglucofuranose with a 5S_1 Conformation

Letter

817



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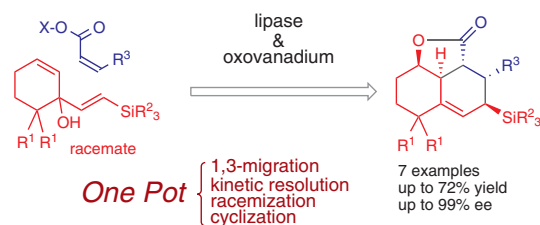
Synlett 2021, 32, 822–828
DOI: 10.1055/a-1344-8713I. Tsuchimochi
S. Hori
Y. Takeuchi
M. Egi
T.-o. Satoh
K. Kanomata
T. Ikawa
S. Akai*

Osaka University, Japan

Four-Step One-Pot Catalytic Asymmetric Synthesis of Polysubstituted Tricyclic Compounds: Lipase-Catalyzed Dynamic Kinetic Resolution Followed by an Intramolecular Diels–Alder Reaction

Letter

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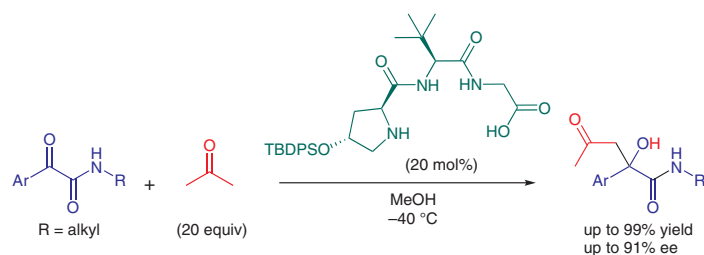


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Synlett 2021, 32, 829–832
DOI: 10.1055/a-1380-6436K. Kon
H. Takai
T. Kobayashi
Y. Kohari*
M. MurataKitami Institute of Technology,
JapanOrganocatalyzed Asymmetric Aldol Reaction of α -Keto Amides with A Tripeptide Catalyst

Letter

829

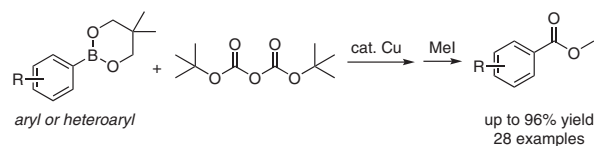


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Synlett 2021, 32, 833–837
DOI: 10.1055/a-1377-7369J.-D. Xu
X.-B. Su
C. Wang
L.-W. Yao
J.-H. Liu*
G.-Q. Hu*Zhengzhou University, P. R. of
ChinaMild Copper-Catalyzed Addition of Arylboronic Esters to Di-*tert*-butyl
Dicarbonate: An Easy Access to Methyl Arylcarboxylates

Letter

833



Synlett

Synlett 2021, 32, 838–844
DOI: 10.1055/a-1335-7330R. da Rosa
L. Grand
E. P. Schenkel
L. Sibelle Campos
Bernardes
M. Jacolot*
F. Popowycz*

Université de Lyon, France

The Use of 5-Hydroxymethylfurfural towards Fine Chemicals:
Synthesis and Direct Arylation of 5-HMF-Based Oxazoles

Letter

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