

Pd_2dba_3 (2 mol%), XPhos (4 mol%), Li^tBuO (8 equiv.), 1,4-dioxane, 100 °C, 48 h
5 examples, 51–99%, diastereoselectivity: 2:1 to 99:1

Synthesis of Spirocyclic Diindenothiophenes

E. Ammon, A. Villinger, P. Ehlers, P. Langer

Synlett

Synlett 2022, 33, 1575–1581
DOI: 10.1055/a-1840-5199

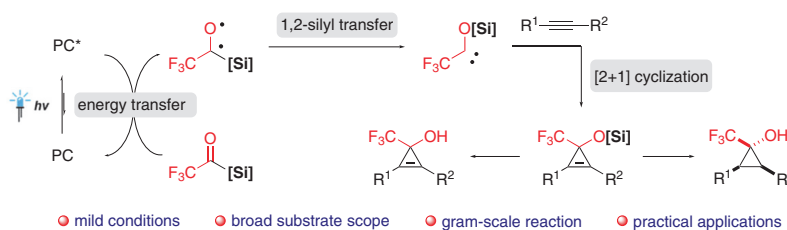
G. Zhou
X. Shen*

Wuhan University, P. R. of China

Visible-Light-Induced Organocatalyzed [2+1] Cyclization of Alkynes and (Trifluoroacetyl)silanes

Synfacts

1575



Synlett

Synlett 2022, 33, 1582–1588
DOI: 10.1055/a-1828-1217

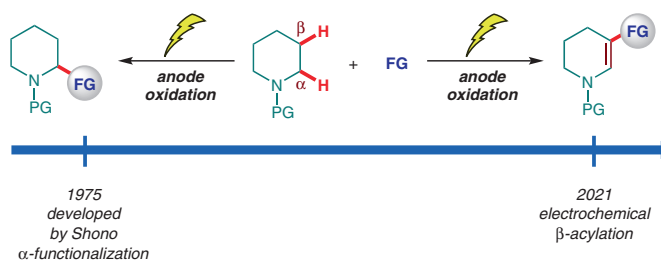
T. Feng
S. Wang
Y. Qiu*

Nankai University, P. R. of China

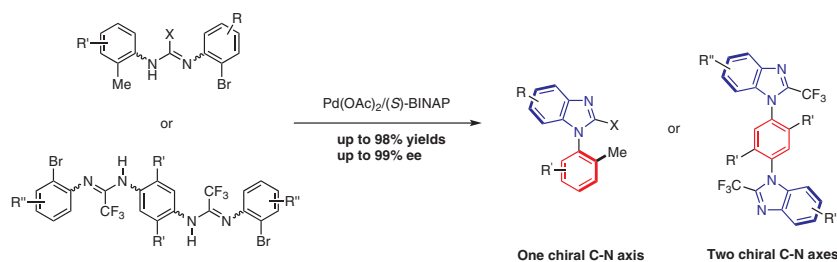
Electrochemical C–H Functionalization of Cyclic Amines

Synfacts

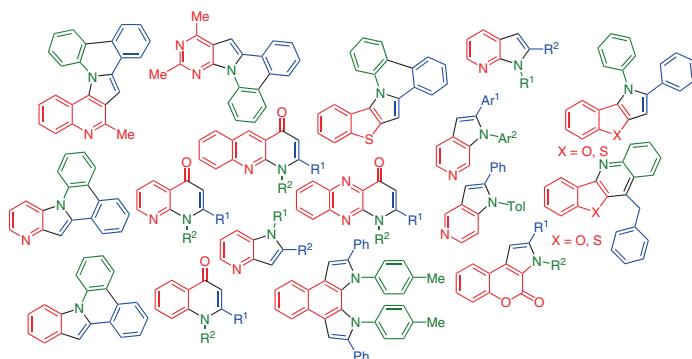
1582



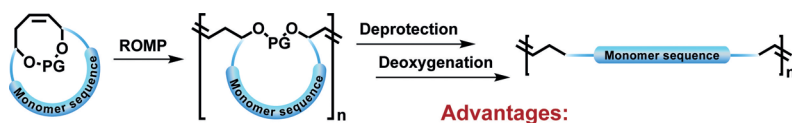
Enantioselective Synthesis of Axially Chiral Benzimidazoles Bearing a C–N axis via Pd-Catalyzed Buchwald–Hartwig Amination



Synthesis of Nitrogen Heterocycles by Domino C–N Coupling/ Hydroamination Reactions



No Sacrifice No Gain: Construction of Cleavable Bridged Macrobicyclic Olefins for Precision Polymers



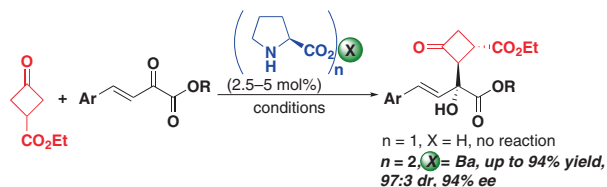
- ✓ Effective molecular weight control
- ✓ High regio-selectivity
- ✓ Non-auxiliaried structure
- ✓ Narrow polydispersity

Synlett

Synlett 2022, 33, 1619–1624
DOI: 10.1055/s-0040-1719931J. Wu
F. Bao
X. Ye*
J. Li
J. Jiang*Wenzhou University, P. R. of
China
Wenzhou Medical University,
P. R. of ChinaAsymmetric Construction of Highly Functionalized Cyclobutanones
Bearing Three Contiguous Stereogenic Centers by an
Amino Acid Salt-Catalyzed Desymmetrization Reaction

Letter

1619



Synlett

Synlett 2022, 33, 1625–1628
DOI: 10.1055/s-0041-1738670

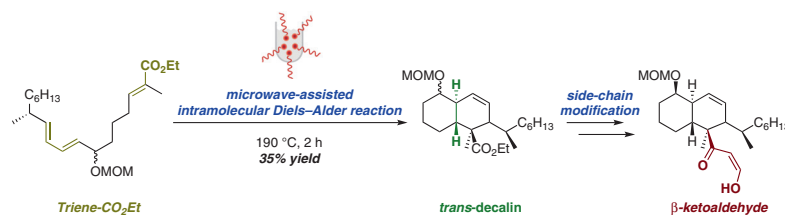
J. Kim*

Institute of Chemical Biology
and Drug Discovery (ICB&DD),
USA
Stony Brook University, USA

Synthetic Studies toward Australifungin

Letter

1625



Synlett

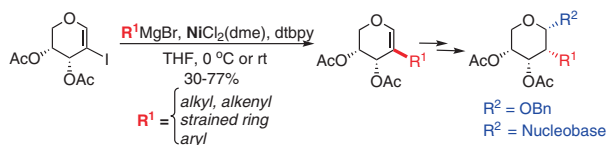
Synlett 2022, 33, 1629–1632
DOI: 10.1055/s-0041-1738669P. Polak
J. Cossy*

PSL University, France

Synthesis of 2-C-Substituted 5-Deoxyglucals from D-Ribose: Access to
2-C-Substituted 5-Deoxyglycosides and -Nucleosides

Letter

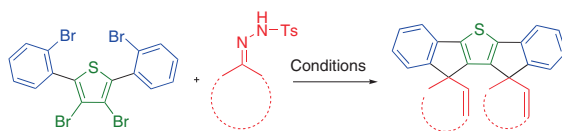
1629



Synlett 2022, 33, 1633–1636
DOI: 10.1055/s-0042-1751363

E. Ammon
A. Villinger
P. Ehlers
P. Langer*

Universität Rostock, Germany

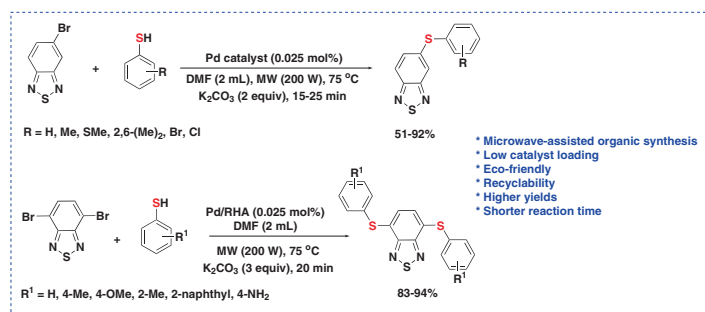


Pd_2dba_3 (2 mol%), XPhos (4 mol%), Li^tBuO (8 equiv.), 1,4-dioxane, 100 °C, 48 h
5 examples, 51–99%, diastereoselectivity: 2:1 to 99:1

Synlett 2022, 33, 1637–1644
DOI: 10.1055/s-0042-1751366

R. Katla*
R. Katla
T. B. Goulart
D. S. Rosa
G. R. Rosa

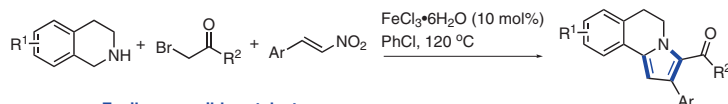
Federal University of Rio Grande,
Brazil



Synlett 2022, 33, 1645–1654
DOI: 10.1055/a-1896-3512

X.-H. Chen
Y.-Y. Pan
W.-X. Wang
H.-L. Cui*

Chongqing University of Arts
and Sciences, P. R. of China



- * Easily accessible catalyst
- * Air as terminal oxidant
- * Introduction of ketone groups

15 examples, 16–75% yields

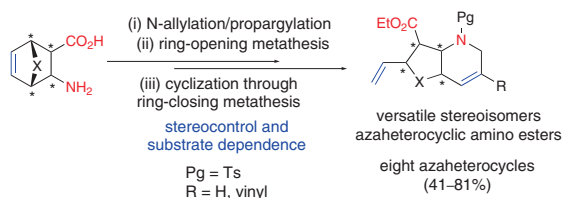
A. Semghouli
A. M. Remete
T. T. Novák
L. Kiss*

Research Centre for Natural
Sciences, Hungary

Stereocontrolled Synthesis of Some Novel Azaheterocyclic β -Amino Ester Stereoisomers with Multiple Stereogenic Centers

Letter

1655



P. Thota
K. Sheelam
S. Kottawar
K. Shivakumar
M. Kaliyaperumal
S. Yennam
M. Behera*

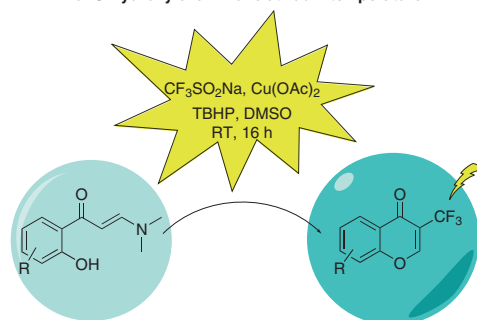
Aragen Life Sciences, India

Langlois Reagent Mediated Tandem Cyclization of *o*-Hydroxyaryl Enaminones for the Synthesis of 3-(Trifluoromethyl)chromones

Letter

1660

Facile access to CF_3 -containing chromones via copper acetate catalyzed cyclization of *o*-hydroxy enaminone at room temperature

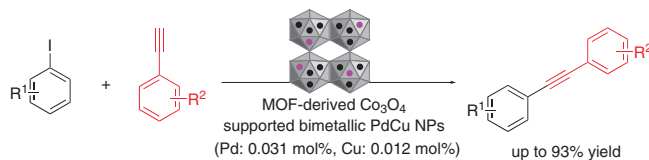


S. Yan*
CNOOC Tianjin Chemical Research and Design Institute, P. R. of China

Metal–Organic Framework Derived Cobalt Oxide Supported Bimetallic Pd/Cu Nanoparticles for Efficient Catalysis of the Sonogashira Reaction under Aerobic Conditions

Letter

1665



Synlett 2022, 33, 1670–1674
DOI: 10.1055/a-1887-7885

M. Kiriwara*
Y. Sakamoto
S. Yamahara
A. Kitajima
N. Kugisaki
Y. Kimura*

Shizuoka Institute of
Science and Technology, Japan
Iharanikkei Chemical
Industry Co. Ltd., Japan

