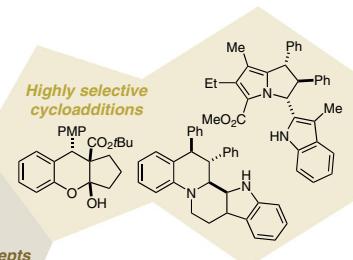
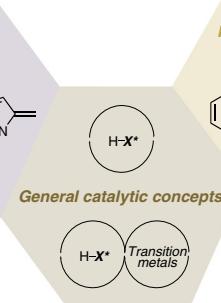
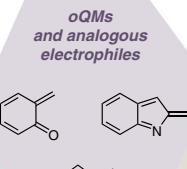
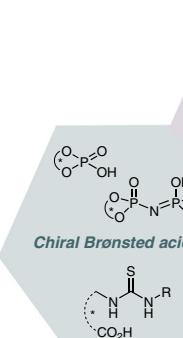


Synthesis

Reviews and Full Papers in Chemical Synthesis

July 19, 2022 • Vol. 54, 3125–3306



**Asymmetric Brønsted Acid Catalyzed Cycloadditions of
ortho-Quinone Methides and Related Compounds**

C. Dorsch, C. Schneider

14



Thieme

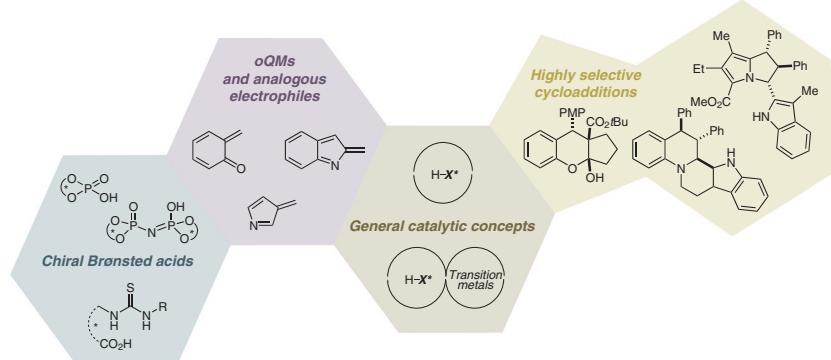
Synthesis

Synthesis 2022, 54, 3125–3141
DOI: 10.1055/a-1781-6538

Asymmetric Brønsted Acid Catalyzed Cycloadditions of *ortho*-Quinone Methides and Related Compounds

Review
3125

C. Dorsch
C. Schneider*
Universität Leipzig, Germany



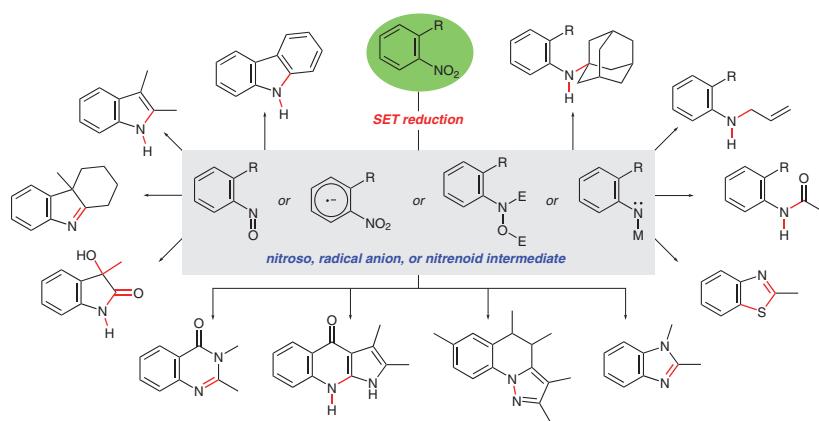
Synthesis

Synthesis 2022, 54, 3142–3161
DOI: 10.1055/a-1792-6579

Recent Advances to Mediate Reductive Processes of Nitroarenes Using Single-Electron Transfer, Organomagnesium, or Organozinc Reagents

Short Review
3142

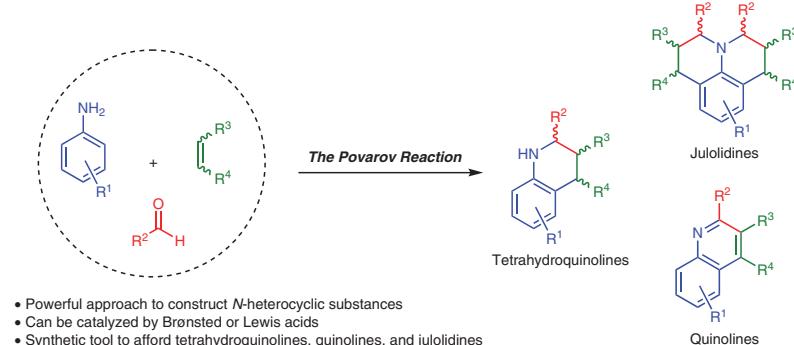
H. Zhu
T. G. Driver*
University of Illinois at Chicago,
USA



Synthesis 2022, 54, 3162–3179
DOI: 10.1055/a-1794-8355

W. Ferreira de Paiva
Y. de Freitas Rego
Â. de Fátima*
S. A. Fernandes*

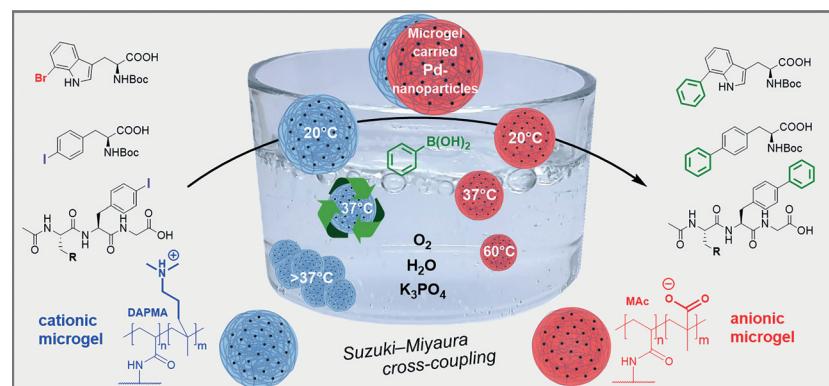
Universidade Federal de Viçosa,
Brazil
Universidade Federal de Minas
Gerais, Brazil



Synthesis 2022, 54, 3180–3192
DOI: 10.1055/a-1782-4224

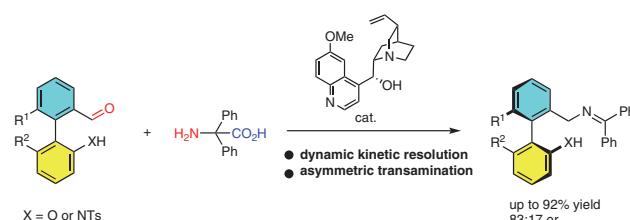
V. Sabadasch
S. Dachwitz
Y. Hannappel
T. Hellweg*
N. Sewald*

Bielefeld University, Germany



Synthesis 2022, 54, 3193–3200
DOI: 10.1055/a-1767-6153

D. Guo
J. Wang*
Tsinghua University, P. R. China



Synthesis 2022, 54, 3201–3208
DOI: 10.1055/a-1797-5298

B. Nyulasi

T. Teski

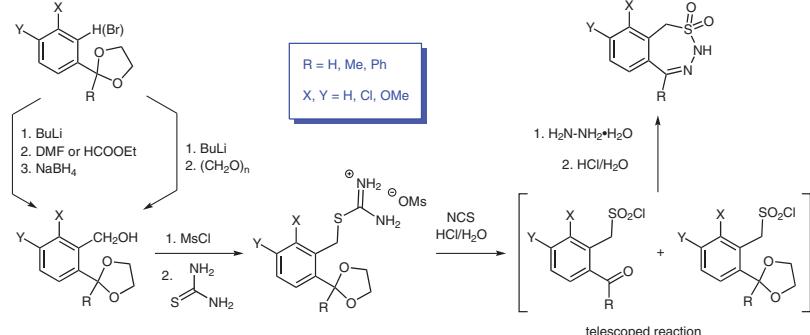
A. G. Németh

S. Spróber

G. Simig

B. Volk*

Egis Pharmaceuticals Plc.,
Hungary



Synthesis 2022, 54, 3209–3214
DOI: 10.1055/s-0040-1719910

W. R. Bartlett*

J. Read de Alaniz*

J. L. Carlson

M. P. Dillon

E. Edstrom

D. A. Fischer

A. A. Goldblum

G. R. Luedtke

G. W. Paneitz

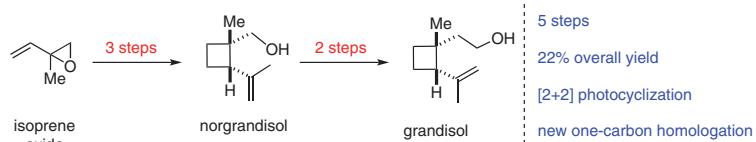
K. Ryter

M. Schulz

D. A. Shepard

C. Switzer

Fort Lewis College, USA



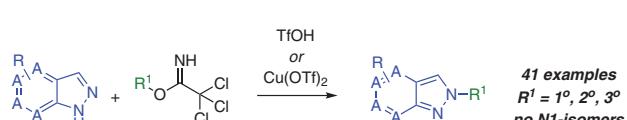
Synthesis 2022, 54, 3215–3226
DOI: 10.1055/s-0040-1719917

J. Clemens

E. L. Bell

A. T. Londregan*

Pfizer Inc., USA



A. L. Samsonenko

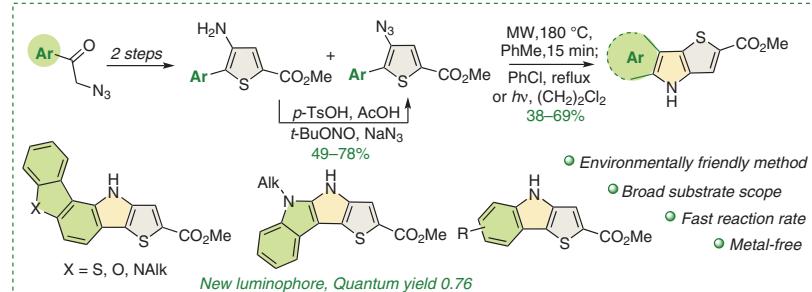
A. S. Kostyuchenko

T. Y. Zheleznova

V. Y. Shuvalov

I. S. Vlasov

A. S. Fisyuk*

Omsk State Technical University,
Russian Federation

P. Oeser

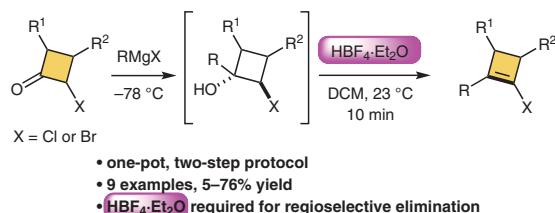
A. Petrenko

T. Edlová

M. Čubiňák

J. Koudelka

T. Tobrman*

University of Chemistry and
Technology, Prague, Czech Re-
public

V. K. Vasilin

E. A. Kanishcheva

T. A. Stroganova*

I. G. Dmitrieva

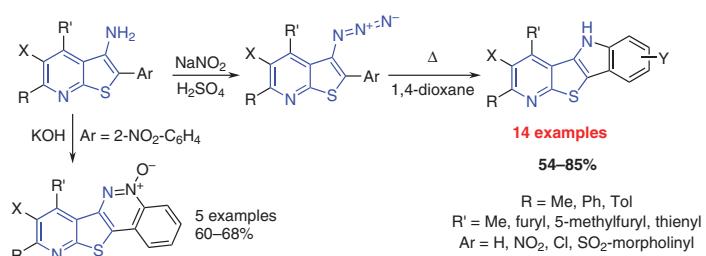
V. V. Taranenko

R. S. Tumskiy

A. V. Tumskaya

N. A. Aksenen

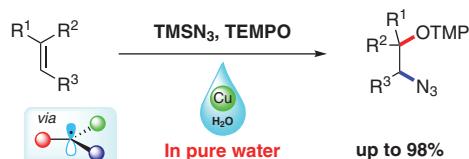
G. D. Krapivin

Kuban State Technological Uni-
versity, Russian Federation

Synthesis 2022, 54, 3262–3270
DOI: 10.1055/a-1804-8859

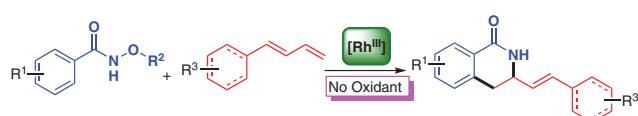
J. Cui
H. Zhou*
Y. Li*
H. Bao

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



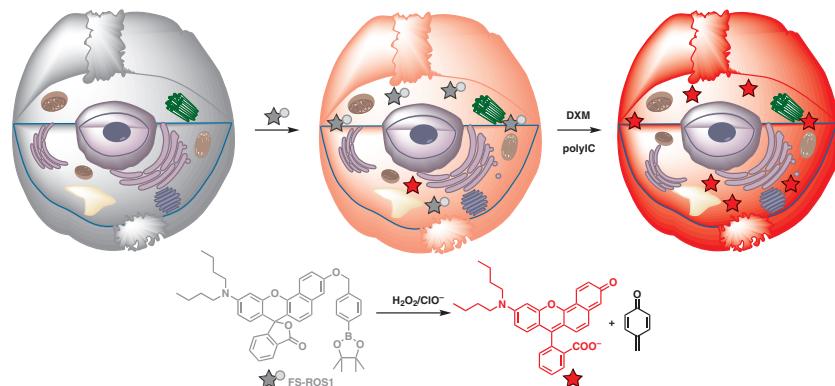
Synthesis 2022, 54, 3271–3281
DOI: 10.1055/a-1787-3958

J.-H. Yang
L. Dong*
Sichuan University, P. R. of China



Synthesis 2022, 54, 3282–3288
DOI: 10.1055/a-1786-1584

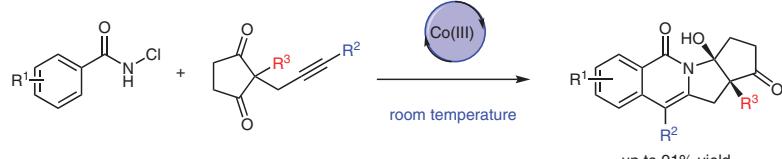
B. Wang
L. Zhang
J. Zheng
H. Bao
D. Li*
Fujian Normal University,
P. R. China



Synthesis 2022, 54, 3289–3307
DOI: 10.1055/a-1794-1314

Z. Wu
Q. Zheng
G. Lv
R. Lai
Y. Hu
L. Hai
Y. Wu*

Sichuan University, P. R. of China



- Co(III)-catalyzed C–H functionalization cascade
- Broad substrate scope
- Construction of complex heterocyclic molecules
- Room temperature

Synthesis 2022, 54, 3298–3306
DOI: 10.1055/a-1792-9930

G. Zhou
Z. Huang
X. Xu
Z. Fang
P. Huang
Z. Deng
B. Li*
Y. Zhao*

Soochow University,
P. R. of China
Henan Normal University,
P. R. of China

