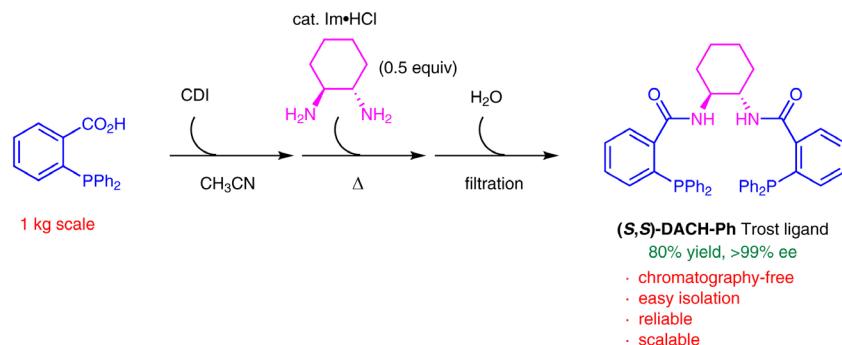


Synlett

Accounts and Rapid Communications in Chemical Synthesis

August 11, 2022 • Vol. 33, 1209–1308



*An Improved Scalable Process for the Synthesis of (*S,S*)-DACH-Ph Trost Ligand*

**Y. Zhang, E. Chong, J. A. H. White, S. Radomkit, Y. Xu, S. C. Kosnik,
J. C. Lorenz**

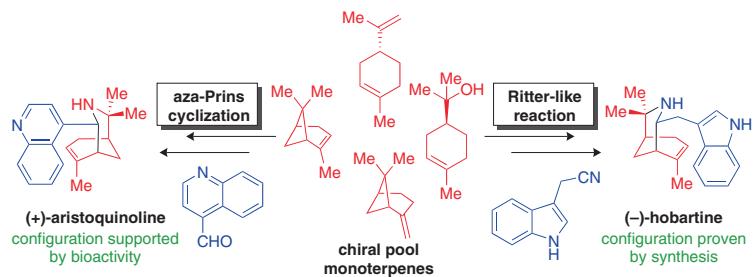
13

 Thieme

Synlett 2022, 33, 1209–1214
DOI: 10.1055/a-1856-7334

M. D. Argade
A. P. Riley*

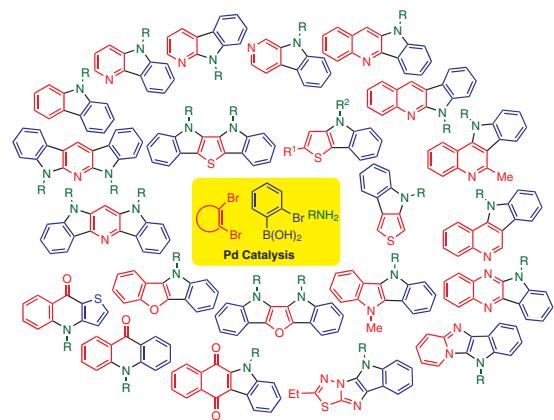
University of Illinois Chicago,
USA



Synlett 2022, 33, 1215–1226
DOI: 10.1055/s-0040-1719918

P. Langer*

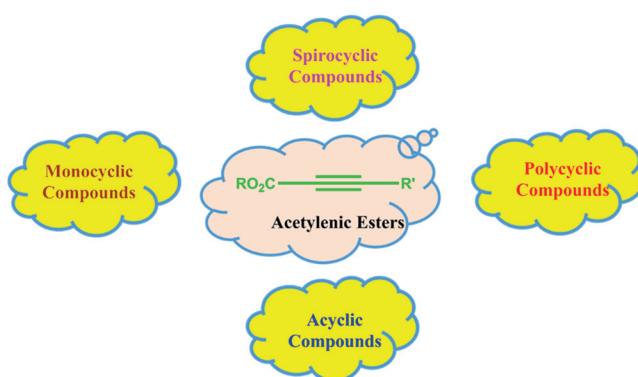
Universität Rostock, Germany



Synlett 2022, 33, 1227–1250
DOI: 10.1055/s-0040-1719916

R. Hajinasiri*

Islamic Azad University, Iran

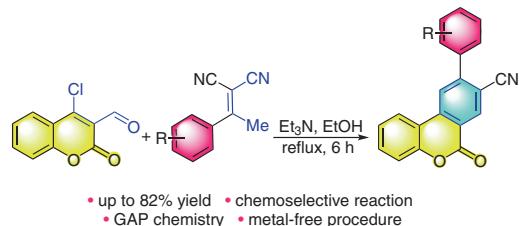


Synlett 2022, 33, 1251–1254
DOI: 10.1055/s-0041-1738382

A. Alizadeh*

B. Farajpour

Tarbiat Modares University, Iran



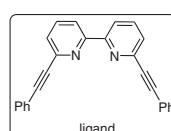
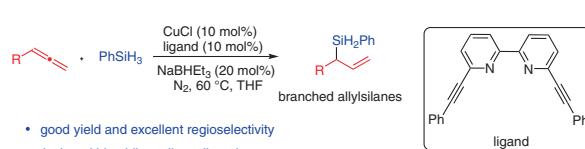
Synlett 2022, 33, 1255–1258
DOI: 10.1055/a-1829-8574

X.-T. Liu*

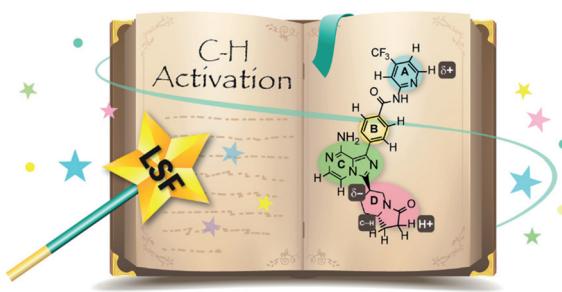
J.-J. Chen

Z.-P. Zhan*

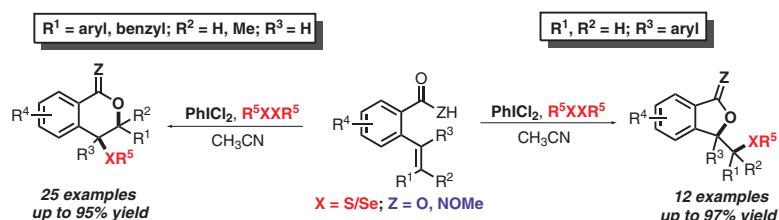
Wanxiang Technology Co., P. R.
of China
Xiamen University, P. R. of
China



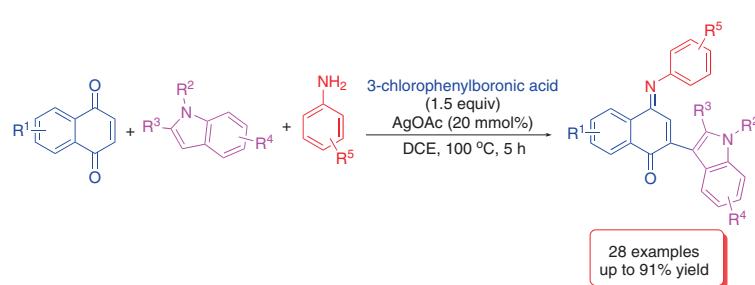
S. Tyagarajan
D. Guiadeen
E. Streckfuss
X. Gao
A. V. Buevich
G. Doss
J. Liu
P. Vachal
S. W. Krska*
Merck & Co., Inc, USA



K. Goutham
J. Zhang
Y. Ouyang
Y. Du*
K. Zhao*
Shandong University, P. R. of China
Tianjin University, P. R. of China



Y. Dong*
J.-X. Ye
Q.-Q. Luo
Y. Zheng
R.-Q. Zhou
T. Mei
X.-L. Chen
Z.-C. Shi
Z.-H. Li*
B. He*
Chengdu Normal University,
P. R. of China



Q. Huang

J. Fu

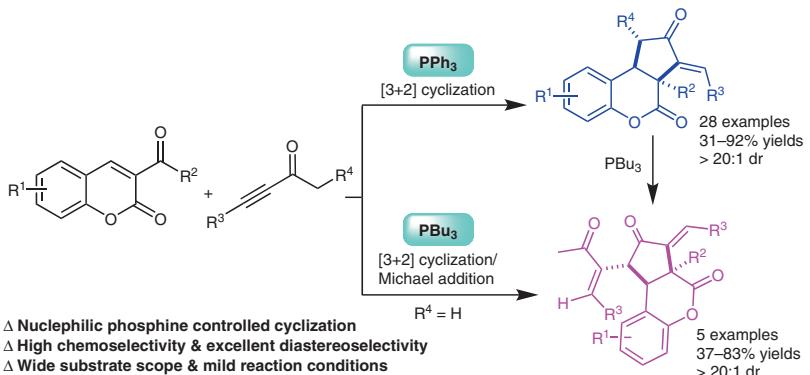
Z. Chang

W. Gan

Y. Wang

X. Han*

Zhejiang University of Science and Technology, P. R. of China



Y. Zhang*

E. Chong

J. A. H. White

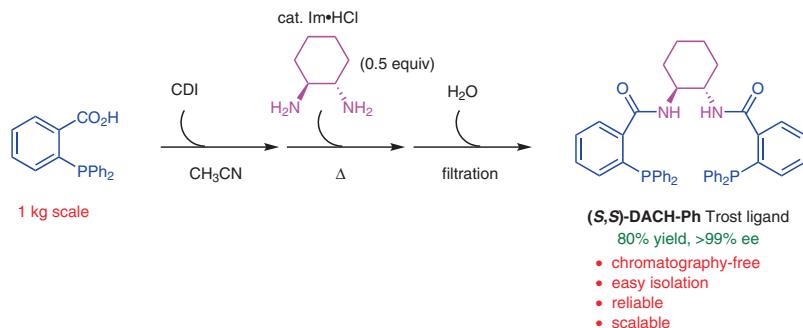
S. Radomkit

Y. Xu

S. C. Kosnik

J. C. Lorenz

Boehringer Ingelheim Pharmaceuticals, Inc., USA



D. Raydan

S. Friões

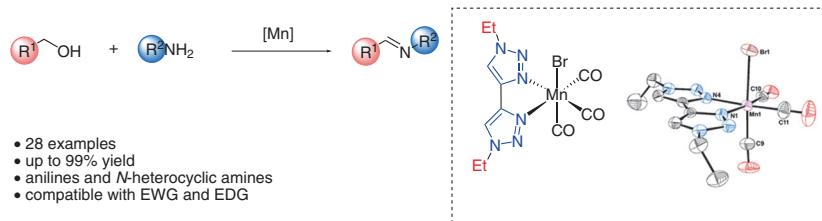
N. Víduedo

A. S. Santos

C. S. B. Gomes

B. Royo*

M. M. B. Marques*

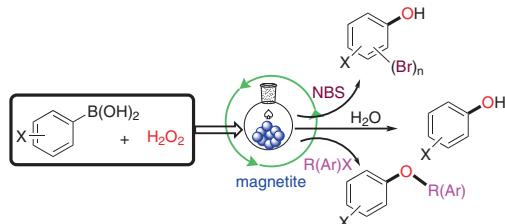
Universidade Nova de Lisboa,
Portugal

H.-A. Cho

Y.-K. Lee

S.-H. Kim*

Dankook University, South Korea



L. Wang

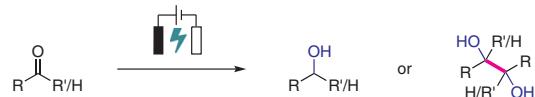
X. Zhang

R. Y. Xia

C. Yang*

L. Guo*

W. Xia

Harbin Institute of Technology
(Shenzhen), P. R. of China

- applied to aldehydes and ketones
- broad scope, > 58 examples
- under metal-free conditions
- at room temperature and open to air
- operationally simple undivided cell
- controlled to alcohols or pinacols