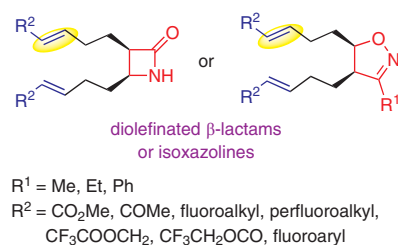


1. olefin-bond functionalization through selective cycloaddition
2. ring-opening metathesis
3. selective cross-metathesis with olefin-bond chemodiscrimination



## Diversity-Oriented Synthesis of Highly Functionalized Alicycles across Dipolar Cycloaddition/Metathesis Reaction

*Z. Benke, M. Nonn, A. M. Remete, S. Fustero, L. Kiss*

Synlett

Synlett 2021, 32, 1879–1890  
DOI: 10.1055/a-1616-5643

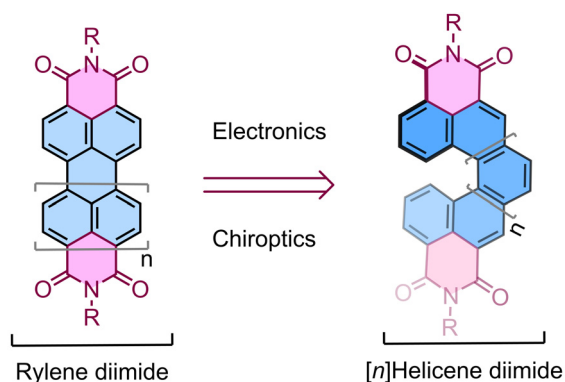
F. Saal  
P. Ravat\*

Universität Würzburg, Germany

## Imide-Functionalized Helical PAHs: A Step towards New Chiral Functional Materials

Synfacts

1879



Synlett

Synlett 2021, 32, 1891–1896  
DOI: 10.1055/a-1608-5069

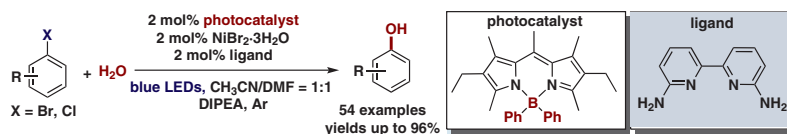
L. Yang  
D. Xue\*

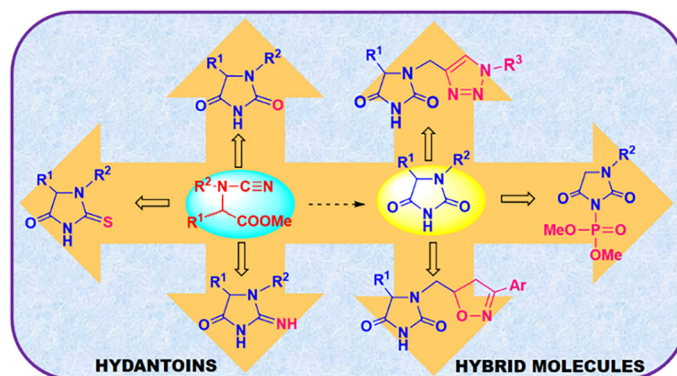
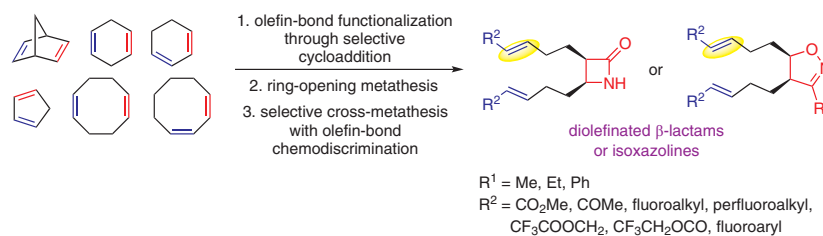
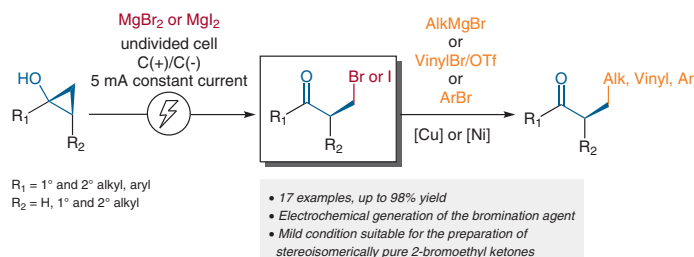
Shaanxi Normal University, P. R.  
of China

## Transition-Metal-Catalyzed Hydroxylation Reaction of Aryl Halide for the Synthesis of Phenols

Synfacts

1891



Designed Synthesis of Diversely Substituted Hydantoins and  
Hydantoin-Based Hybrid Molecules: A Personal AccountDiversity-Oriented Synthesis of Highly Functionalized Alicycles across  
Dipolar Cycloaddition/Metathesis ReactionElectrochemical Synthesis of 2-Bromoethyl and 2-Iodoethyl  
Ketones from Cyclopropanols

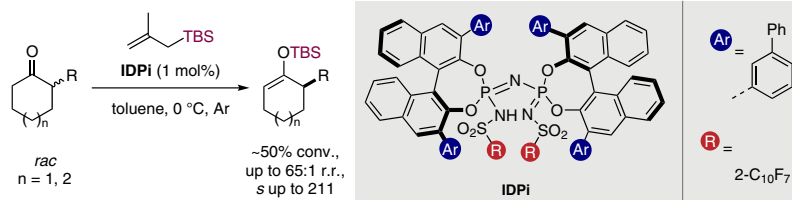


Synlett

Synlett 2021, 32, 1953–1956  
DOI: 10.1055/a-1670-5829H. Zhou  
P. Zhang  
B. List\*Max-Planck-Institut für Kohlen-  
forschung, GermanyThe Silicon–Hydrogen Exchange Reaction: Catalytic Kinetic Resolution  
of 2-Substituted Cyclic Ketones

Letter

1953



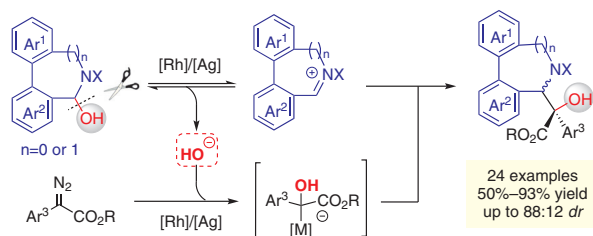
Synlett

Synlett 2021, 32, 1957–1962  
DOI: 10.1055/a-1623-1490C. Xu  
X. Liu  
X. Xie  
L. Deng  
X. Xu  
A. S. Chan  
W. Hu\*Sun Yat-Sen University,  
P. R. of China

## A Rh(II)- or Ag(I)-Catalyzed Formal C–O Bond Insertion of Cyclic Hemiaminal with Aryl Diazoacetate

Letter

1957



Synlett

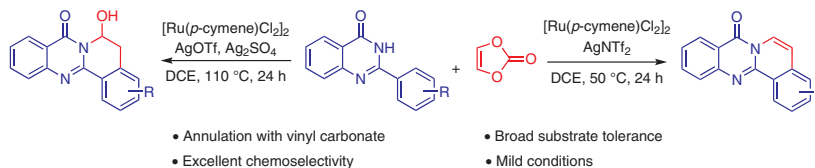
Synlett 2021, 32, 1963–1968  
DOI: 10.1055/a-1608-5381Y. Chen  
X. Huang  
Y. Xu  
J. Li  
R. Lai  
M. Guan\*  
Y. Wu\*

Sichuan University, P. R. of China

Ru(II)-Catalyzed C–H Activation Reaction between 2-Phenyl-  
quinazolinone and Vinylene Carbonate

Letter

1963

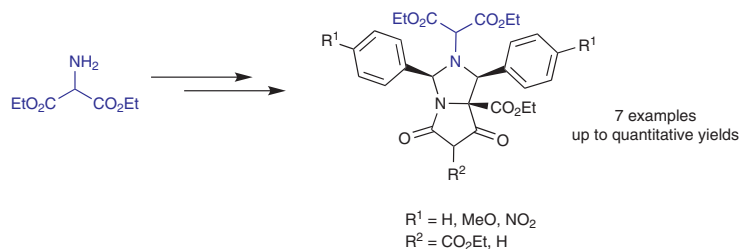


Synlett

## Pyrroloimidazolidiones Derived from Aminomalonates and Benzaldehydes

Letter

1969

Synlett 2021, 32, 1969–1973  
DOI: 10.1055/s-0040-1720888L. O'Shaughnessy  
C. Hutchinson  
A. Waldron  
K. E. Christensen  
M. G. Moloney\*University of Oxford, UK  
Oxford Suzhou Centre for  
Advanced Research, P. R. of China

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1,3-Dipolar [3+3] Cycloaddition of 1,4-Benzodiazepinone-Based Nitrones with  $\alpha$ -Halohydroxamates for Diastereoselective Synthesis of Novel *d*-Edge Heterocycle-Fused 1,4-Benzodiazepinones

Letter

1974

Synlett 2021, 32, 1974–1980  
DOI: 10.1055/a-1642-0598H. Zhang  
L.-Y. Cai  
Z. Tang  
X.-Z. Fan  
H.-H. Wu  
X.-F. Bi  
H.-W. Zhao\*Beijing University of Technology,  
P. R. of China