

* direct access * scalable * diversity * druglikeness 11 examples, up to 66% yield

Multicomponent Reaction-Based Heteroannulations: A Direct Access to Fused Tetrazolo Piperazinones and 1,4-Diazepanones

E. Fotopoulou, A. Vasilakis, C. G. Neochoritis

15

Synlett

Synlett 2024, 35, 1733–1738
DOI: 10.1055/s-0042-1751543

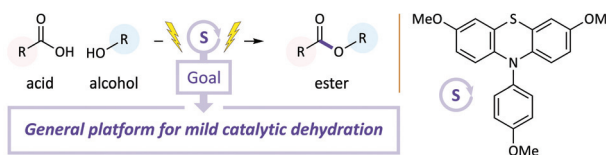
C. A. Haines
J. Han
E. D. Nacsa*

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Esterification as a Demonstration of Electrochemically Powered Catalytic Dehydration

Synfacts

1733



Synlett

Synlett 2024, 35, 1739–1744
DOI: 10.1055/a-2223-7245

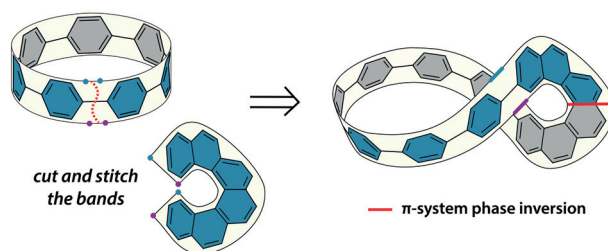
J. Malinčík
T. Šolomek*

University of Amsterdam,
The Netherlands

Topological Bistability of the π -System in a Helicene Carbon Nano hoop

Synfacts

1739



Synlett

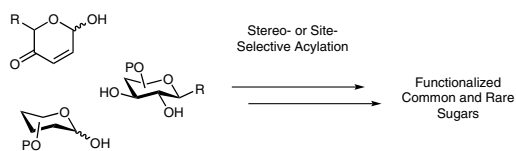
Stereo- and Site-Selective Acylation in Carbohydrate Synthesis

Account

1745

Synlett 2024, 35, 1745–1762
DOI: 10.1055/a-2214-7557S. A. Blaszczyk
X. Li
P. Wen
W. Tang*

University of Wisconsin-Madison, USA



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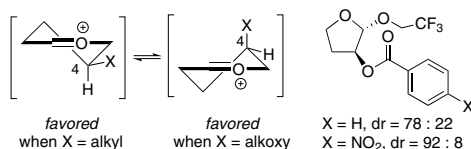
Acetal Substitution Reactions: Stereoelectronic Effects, Conformational Analysis, Reactivity vs Selectivity, and Neighboring-Group Participation

Account

1763

Synlett 2024, 35, 1763–1787
DOI: 10.1055/s-0042-1751541Y. Chun
K. B. Luu
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New York University, USA



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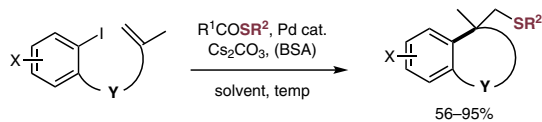
Palladium-Catalyzed Carbothiolation by Using Thioesters with Formation of a Quaternary Carbon

Letter

1788

Synlett 2024, 35, 1788–1794
DOI: 10.1055/a-2248-3205Y. Okura
R. Ito
H. Kumazawa
M. Nakada*

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$R^1 = \text{Ph}$, $p\text{-MeOC}_6\text{H}_4$, Me; $R^2 = \text{alkyl}$, aryl; Y = CH₂, N, O
 Pd cat. = (iPr)Pd(allyl)Cl or Pd(PPh₃)₄
 toluene, 100 °C or xylene 140 °C

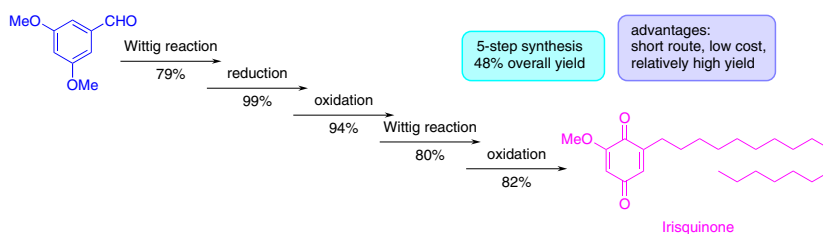
Synlett

Development of an Efficient Synthetic Process for Irisquinone

Letter

Synlett 2024, 35, 1795–1798
DOI: 10.1055/s-0042-1751560K. Zheng
Q. Zhang
Y. Ma
G. Liang
Y. Zhao
L. Ga*

Inner Mongolia Medical University, P. R. of China



1795

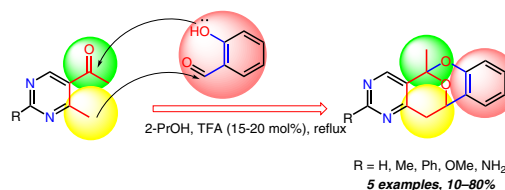
Synlett

Synthesis of a New Heterocyclic System: Pyrimidine Structural Analogues of Natural Integragstatins A, B

Letter

Synlett 2024, 35, 1799–1806
DOI: 10.1055/a-2239-6657S. Y. Chikunov
I. A. Pustolaikina
Y. V. Gatilov
I. V. Kulakov*

Tyumen State University, Russian Federation



1799

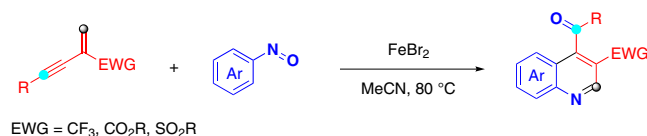
Synlett

Modular Synthesis of 4-Acylquinolines via Cycloaddition of 1,3-Enynes and Nitrosoarenes

Letter

Synlett 2024, 35, 1807–1812
DOI: 10.1055/a-2229-1963X. Li
C. Diao
W. Kong*

Wuhan University, P. R. of China



- readily available starting materials
- high atom-economy
- excellent functional-group tolerance
- modular synthesis

1807

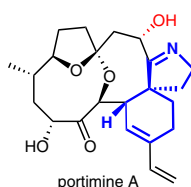
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Synthesis and α -Functionalisation of Cyclic Imines

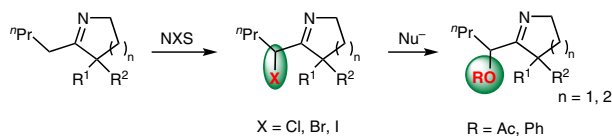
Letter

Synlett 2024, 35, 1813–1816
DOI: 10.1055/a-2251-4145Z. Kuang
X.-B. Ding
D. P. Furkert
M. A. Brimble*

The University of Auckland, New Zealand



1813



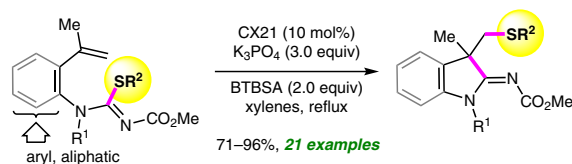
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Palladium-Catalyzed Cycloisomerization of Carbamimidothioates

Letter

Synlett 2024, 35, 1817–1821
DOI: 10.1055/s-0043-1763663H. Kumazawa
K. Mizoguchi
Y. Okura
M. Nakada*

Waseda University, Japan

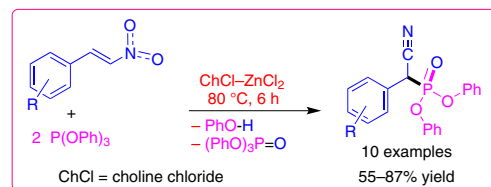
CX21 = (IPr)Pd(allyl)Cl
BTBSA = Me-C(OTBS)=NTBS

1817

Synlett

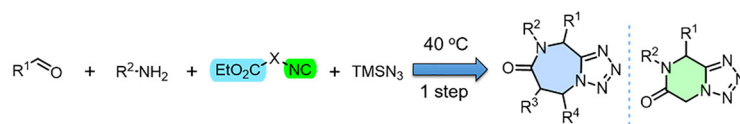
Solvent-Free Synthesis of α -Cyanophosphonates from β -Nitrostyrenes by Using a Deep-Eutectic Solvent Catalyst

Letter

Synlett 2024, 35, 1822–1827
DOI: 10.1055/a-2239-6819S. Shamsaddinimotlagh
M. A. Ranjbari
H. Tavakol*
M. Shi*Isfahan University of Technology, Iran
University of Chinese Academy of Sciences, P. R. of China

1822

Multicomponent Reaction-Based Heteroannulations: A Direct Access to Fused Tetrazolo Piperazinones and 1,4-Diazepones



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