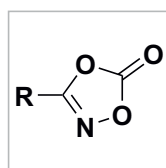
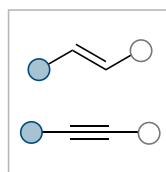


Synthesis

Reviews and Full Papers in Chemical Synthesis

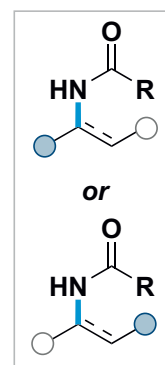
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Hydroamidation Reactions



Cu Ni Co
Fe Rh Ir



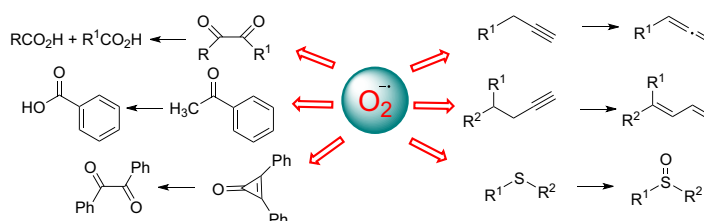
Recent Advances in Catalytic Hydroamidation Reactions of Unsaturated Substrates with Dioxazolones

B. Liu, Y. Liu, J. Wang, Q. Li

6

Synthesis
Revisiting the Chemistry of Superoxide: Its Roles in Organic Synthesis
Review

 Synthesis 2026, 58, 567–584
 DOI: 10.1055/a-2763-2026

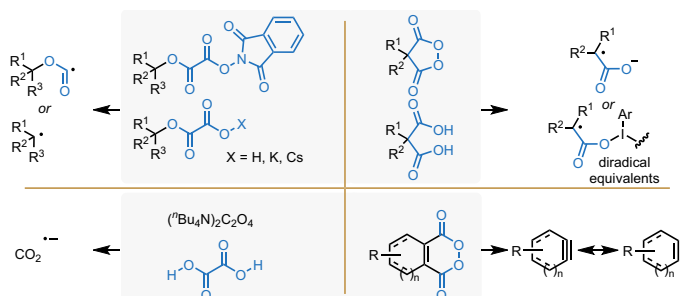
 B. M. Budanur
 S. H. Mahadevegowda
 C. Bhat
 F. A. Khan


567

Synthesis
Photochemical Mono- and Bis-decarboxylation of Dicarboxylic Acids and Their Derivatives
Short Review

 Synthesis 2026, 58, 585–595
 DOI: 10.1055/a-2735-9213

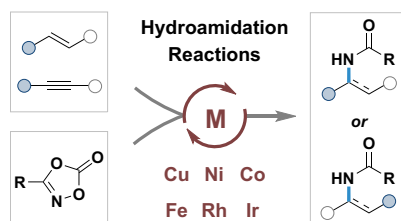
L. Shi



585

Synthesis
Recent Advances in Catalytic Hydroamidation Reactions of Unsaturated Substrates with Dioxazolones
Short Review

 Synthesis 2026, 58, 596–604
 DOI: 10.1055/a-2741-9499

 B. Liu
 Y. Liu
 J. Wang
 Q. Liu


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Synthesis

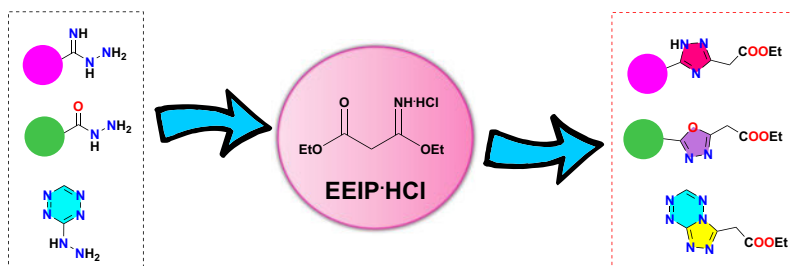
Ethyl 3-Ethoxy-3-iminopropanoate Hydrochloride: A Versatile Precursor for Generating Next-Generation Energetic Materials

Feature

605

Synthesis 2026, 58, 605–620
DOI: 10.1055/a-2736-1999

S. Kukreja
S. Dharavath



Synthesis

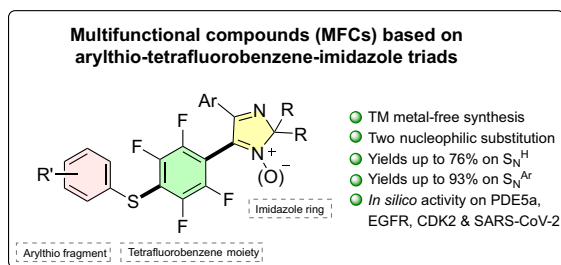
Synthesis and In Silico Study of Multifunctional Arylthio-Tetrafluorobenzene-Imidazole Triad Compounds

Paper

621

Synthesis 2026, 58, 621–631
DOI: 10.1055/a-2746-2444

N. F. Vaskina
E. A. Nikiforov
T. D. Moseev
M. V. Varaksin
I. I. Butorin
V. Charushin
O. N. Chupakhin



Synthesis

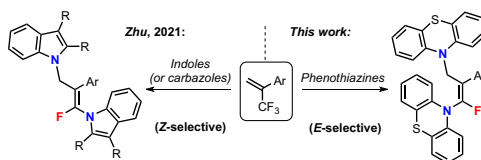
(E)-Selective Defluorinative Diphenothiazination of Trifluoromethyl Styrenes

Paper

632

Synthesis 2026, 58, 632–638
DOI: 10.1055/a-2735-9268

Y. Yang
B. Ebel
I. M. Oppel
F. W. Patureau



Synthesis

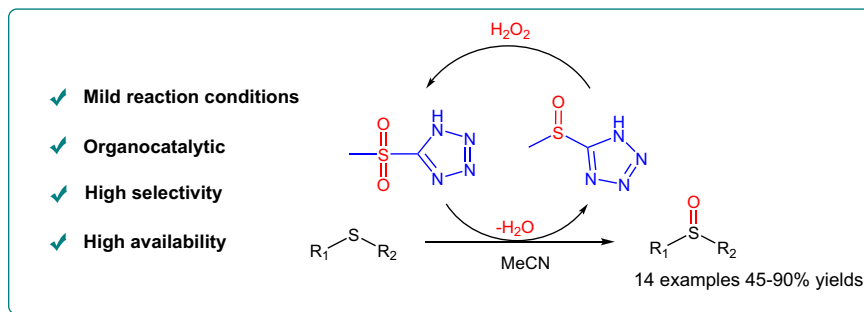
5-Alkylsulfonyl-1H-tetrazoles: Oxidizers and Catalysts for the Oxidation of Sulfides to Sulfoxides with Hydrogen Peroxide

Paper

639

Synthesis 2026, 58, 639–644
DOI: 10.1055/a-2759-9969

E. Tishchenko
V. Lukina
M. Niyazov
L. Myznikov



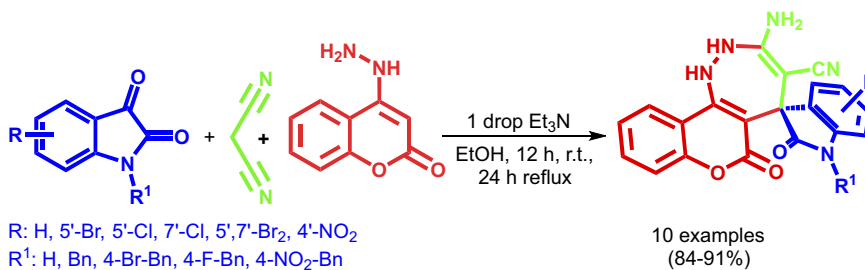
Synthesis

Synthesis 2026, 58, 645–651
DOI: 10.1055/a-2738-8145

A. Alizadeh
H. Hasanpour

The Sequential One-Pot Reaction of Isatylidene Malononitriles and 4-Hydrazinocoumarin: Metal Catalyst-Free and Efficient Access to Coumarin-Fused Spiro[diazepin-5,3'-oxindole]

Paper
645



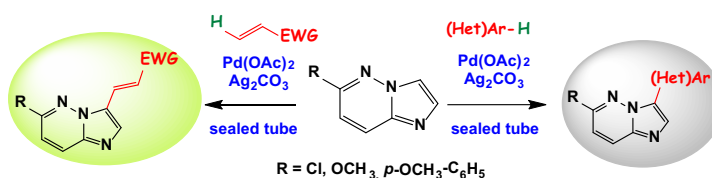
Synthesis

Synthesis 2026, 58, 652–660
DOI: 10.1055/a-2775-9933

C. Ouazzani Chahdi
A. El Abbouchi
N. El Brahmi
A. Aboulmouhajir
J. Koubachi
S. El Kazzouli

Regioselective Palladium-Catalyzed Oxidative (Het)Arylation and Oxidative Alkenylation of Imidazo[1,2-*b*]pyridazines: A Computational Study

Paper
652



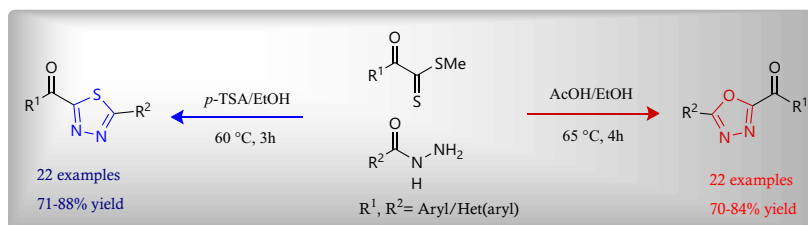
Synthesis

Synthesis 2026, 58, 661–672
DOI: 10.1055/a-2743-3444

K. Sharath
C. Santhosh
K. Sheela
R. Nandini
M. V. Mane
K. R. Singh
M. P. Sadashiva

Acid-catalyzed Cyclization of α -Ketodithioesters and Acyl Hydrazides: A Divergent and Regioselective Synthesis of 2,5-Disubstituted-1,3,4-thiadiazoles and 1,3,4-Oxadiazoles

Paper
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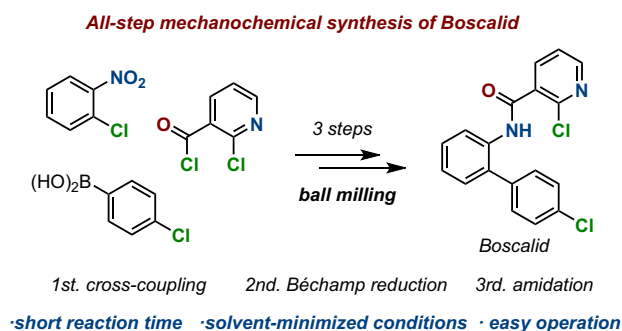
Synthesis

Synthesis 2026, 58, 673–678
DOI: 10.1055/a-2744-6831

A. Nagao
K. Kubota
H. Ito

All-step Mechanochemical Approach for the Rapid and Solventless Synthesis of Boscalid

Paper
673



Synthesis

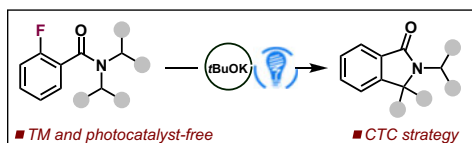
Photoinduced Charge-Transfer Complex Enables ortho-Fluorobenzamide C–F Bond Activation in Isoindolinone Synthesis

Paper

679

Synthesis 2026, 58, 679–684
DOI: 10.1055/a-2773-5408

H. Sheng
X. Zhang
X.-Y. Chen



Synthesis

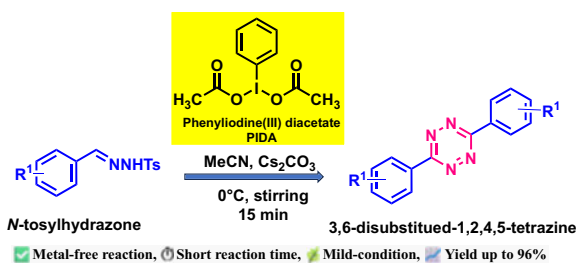
PIDA-Mediated Synthesis of Symmetrical 1,2,4,5-Tetrazine Using *N*-Tosylhydrazones

Paper

685

Synthesis 2026, 58, 685–690
DOI: 10.1055/a-2746-2513

R. Singhal
M. K. Mehra
B. Malik
M. Pilania



Synthesis

Synthesis of the Pentasaccharide Repeating unit Corresponding to the Cell-wall O-antigenic Polysaccharide of Oral Bacteria *Porphyromonas circumdentaria* NCTC 12469

Paper

691

Synthesis 2026, 58, 691–696
DOI: 10.1055/a-2774-3054

S. Dogra
A. K. Misra

