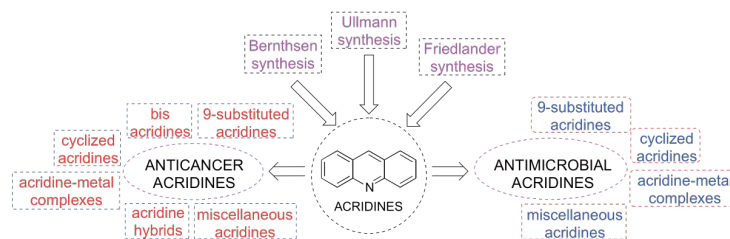


■ REVIEW

2043 Chemotherapeutic Potential of Acridine Analogs: An Ample Review

Harminder Singh, Harbinder Singh, Sahil Sharma,* and Preet Mohinder Singh Bedi

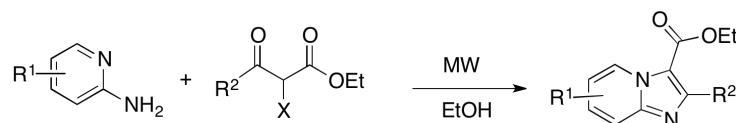


Acridine Anticancer Activity Antimicrobial Activity Heterocycle Patent

■ PAPERS

2087 Microwave Assisted Synthesis of Disubstituted Imidazo[1,2-a]pyridine-3-carboxylic Acid Esters

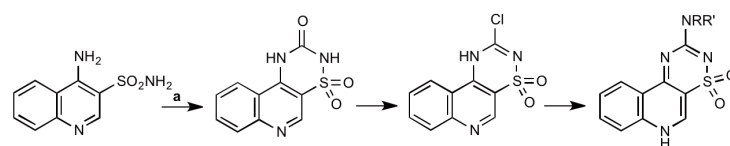
Lin-hu Li, Zhao-yang Wu, Zhuo-rong Li, Ming-liang Liu,* Hui-yuan Guo, and Qiu-rong Zhang*


 $R^1 = 5\text{-Me}, 5\text{-NO}_2, 5\text{-OMe}, 5\text{-F}, 5\text{-Cl}, 5\text{-Br}, 4\text{-Me}, 4\text{-Cl}, 3\text{-Me}, 3\text{-Cl}, 6\text{-Me}, 6\text{-Cl}$
 $R^2 = \text{Me}, \text{Et}, n\text{-C}_3\text{H}_7, c\text{-C}_3\text{H}_5$

MAOS Imidazo[1,2-a]pyridine-3-carboxylic Ester 2-Aminopyridine Ethyl 2-Halogenated Acetoacetate

 2097 Synthesis and Transformations of 2-Oxo-2,3-dihydro-(1*H*,3*H*)-quino[4,3-*e*]-1,2,4-thiadiazine 4,4-Dioxide to *N*-Methyl-, 2-Chloro- and 2-Aminoquino[4,3-*e*]-1,2,4-thiadiazine 4,4-Dioxides

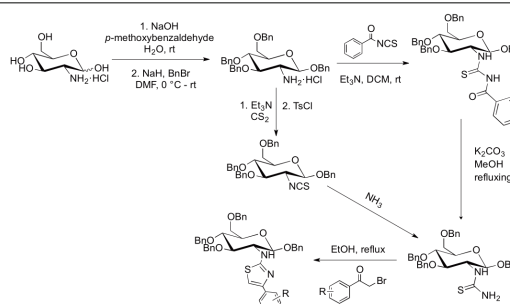
Elwira Chrobak,* Stanisław Boryczka, Michał Wlekiński, Joachim Kusz, Maciej Zubko, and Andrzej Maślankiewicz


 a) $\text{RNHC(O)NHR}'$: $\text{R}=\text{R}'=\text{H}$; $\text{R}=\text{H}$, $\text{R}'=\text{Me}$; $\text{R}=\text{R}'=\text{Me}$

Sulfamoylquinoline 1,2,4-Thiadiazine S,S-Dioxide Deoxochlorination Amino-Dechlorination

2113 Expedient Synthesis of Novel Glycosyl Thiazole Derivatives

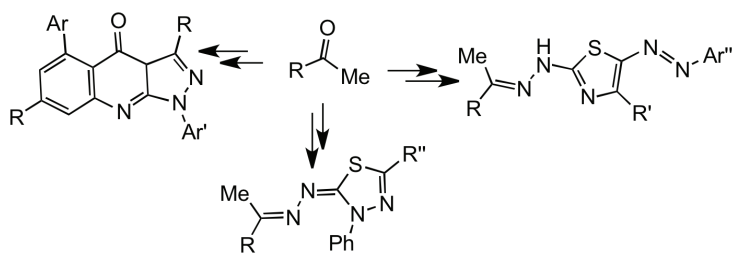
Feng-chang Cheng, Long Yin, Wei-wei Liu,* Qu-xiang Li, Li-juan Tang, Da-hua Shi, and Zhi-ling Cao



D-Glucosamine Thiazole Glycosylthiourea Glycosyl Isothiocyanate

2126 Synthesis and Antimicrobial Evaluation of Some Novel Thiazole, 1,3,4-Thiadiazole and Pyrido[2,3-*d*][1,2,4]triazolo-[4,3-*a*]pyrimidine Derivatives Incorporating Pyrazole Moiety

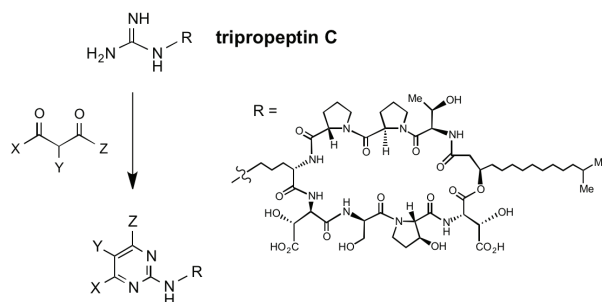
Abdou O. Abdelhamid,* Ahmad S. Shawali, Sobhi M. Gomha, and Waleed A. M. A. El-Enany


 R = 3-ethoxycarbonyl-5-methyl-1-phenyl-1*H*-pyrazol-4-yl

Pyrazole Thiazole Thiadiazole Triazolopyrimidine Antimicrobial Activity

2143 Synthesis and Antibacterial Activity of Tripropeptin C Derivatives Containing the Pyrimidine Ring System

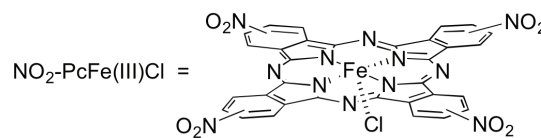
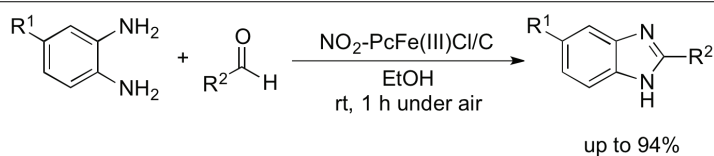
Sehei Hirose, Yoshiaki Takahashi,* Ayumi Murotani, Hideki Hashizume, Toshiaki Miyake, and Yuzuru Akamatsu



Antibacterial Activity MRSA Pyrimidine Tripropeptin C Synthesis

SHORT PAPERS
2153 Iron(III) Tetranitrophthalocyanine Chloride Immobilized on Activated Carbon: Efficient, Excellent Chemoselectivity and Recyclable Catalyst for Synthesis of 2-Substituted Benzimidazoles

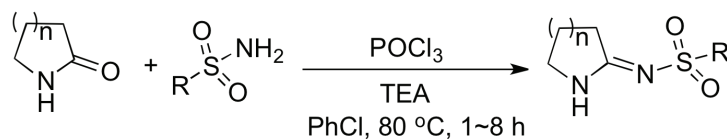
Jun Qiu, Yaodu Zhang, Chengwen Hua, Xiaofeng Gou, Bang Chen, and Junlong Zhao*



2-Substituted Benzimidazole Iron(III) Tetranitrophthalocyanine Chloride Chemoselectivity Green Chemistry

2163 Facile One-Pot Synthesis of Cyclic *N*-Sulfonylamidines from Lactam and Sulfonamide

Ayinigeer Mulati and Abudurehman Wusiman*

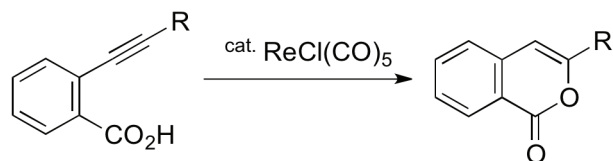

 n = 1, 2, 3
 R = Me, CF₃, C₆H₅, 4-MeC₆H₄,
 4-MeOC₆H₄, 4-NO₂C₆H₄

 16 examples
 up to
 89% isolated yield

N-Sulfonylamidine Sulfonamide Lactam Vilsmeier Intermediate

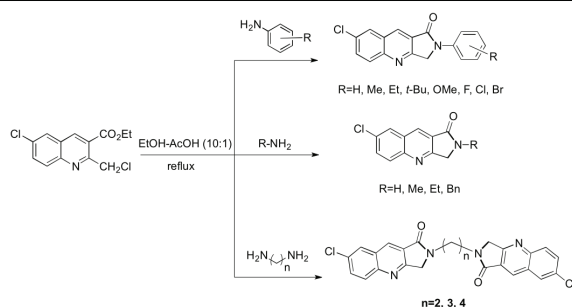
2172 Synthesis of Isocoumarins: Rhenium Complex-Catalyzed Cyclization of 2-Ethynylbenzoic Acids

Rui Umeda, Shunya Yoshikawa, Kouji Yamashita, and Yutaka Nishiyama*


 Rhenium Complex Isocoumarin 6-*endo*-Intramolecular Cyclization 2-Ethynylbenzoic Acid

2180 A General Synthesis of Novel Quinoline-Based Isoindolin-1-one Derivatives

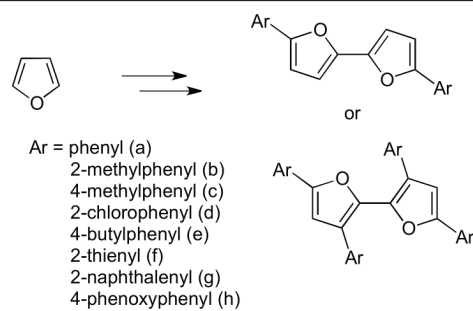
Hong Zhang and Yang Li*



One-Pot Protocol Quinoline Isoindolin-1-one Williamson-Type Reaction Amine

2190 Bifurans via Palladium-Catalyzed Suzuki Coupling

Jun Zhang, Peijun Ye, Lu He, Ting Yuan, and Qiancai Liu*



Bifuran Suzuki Coupling Reaction Synthesis

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2197 Polyketides
- 2200 Aromatics
- 2204 Terpenes
- 2208 Alkaloids
- 2215 Miscellaneous

■ BRUSH UP YOUR HETEROCYCLES

2217 Brush Up Your Heterocycles

Contributors To This Issue

2126 Abdelhamid, Abdou O.
 2143 Akamatsu, Yuzuru
 2043 Bedi, Preet Mohinder Singh
 2097 Boryczka, Stanisław
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 2153 Chen, Bang
 2113 Cheng, Feng-chang
 2097 Chrobak, Elwira
 2126 El-Enany, Waleed A. M. A.
 2126 Gomha, Sobhi M.
 2153 Gou, Xiaofeng
 2087 Guo, Hui-yuan
 2143 Hashizume, Hideki
 2190 He, Lu
 2143 Hirosawa, Sehei
 2153 Hua, Chengwen
 2097 Kusz, Joachim
 2087 Li, Lin-hu
 2113 Li, Qu-xiang
 2180 Li, Yang
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 2087 Liu, Ming-liang
 2190 Liu, Qiancai
 2113 Liu, Wei-wei
 2097 Maślankiewicz, Andrzej
 2143 Miyake, Toshiaki
 2163 Mulati, Ayinigeer
 2143 Murotani, Ayumi
 2172 Nishiyama, Yutaka
 2153 Qiu, Jun
 2043 Sharma, Sahil
 2126 Shawali, Ahmad S.
 2113 Shi, Da-hua
 2043 Singh, Harbinder
 2043 Singh, Harminder
 2143 Takahashi, Yoshiaki
 2113 Tang, Li-juan
 2172 Umeda, Rui
 2097 Wlekiński, Michał
 2087 Wu, Zhao-yang
 2163 Wusiman, Abudureheman
 2172 Yamashita, Kouji
 2190 Ye, Peijun
 2113 Yin, Long
 2172 Yoshikawa, Shunya
 2190 Yuan, Ting
 2180 Zhang, Hong
 2190 Zhang, Jun
 2087 Zhang, Qiu-rong
 2153 Zhang, Yaodu
 2153 Zhao, Junlong
 2097 Zubko, Maciej