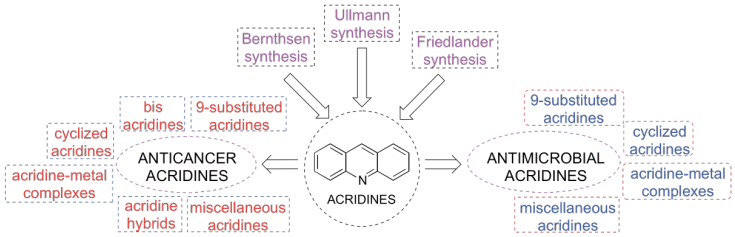
■ REVIEW

2043 **Chemotherapeutic Potential of Acridine Analogs: An Ample Review**

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

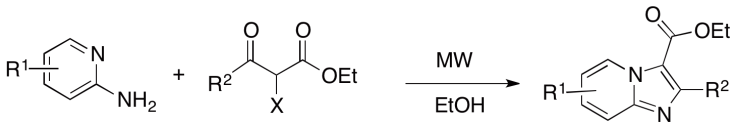


Acridine Anticancer Activity Antimicrobial Activity Heterocycle Patent

■ 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*

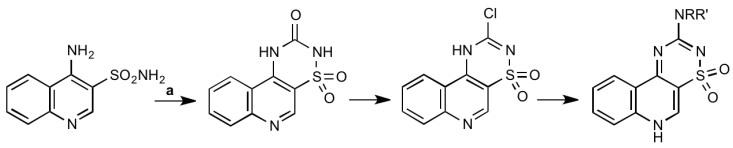


R^1 = 5-Me, 5-NO_2, 5-OMe, 5-F, 5-Cl, 5-Br, 4-Me, 4-Cl, 3-Me, 3-Cl, 6-Me, 6-Cl
R^2 = Me, Et, *n*-C_3H_7, c-C_3H_5

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 Wlekliński, Joachim Kusz, Maciej Zubko, and Andrzej Maślankiewicz

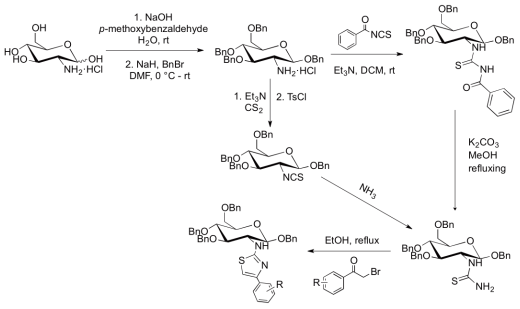


a) RNHC(O)NHR': R=R'=H; R=H, R'=Me; R=R'=Me

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

2113 **Expedient Synthesis of Novel Glycosyl Thiazole Derivatives**

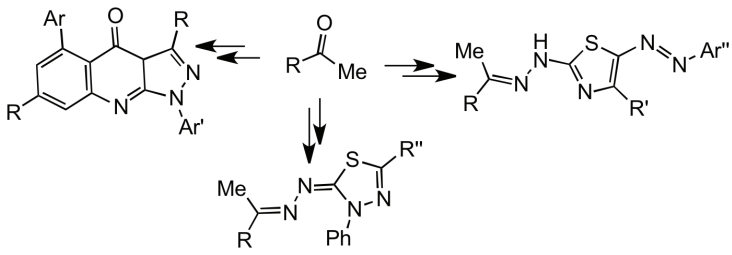
Feng-chang Cheng, Long Yin, Wei-wei Liu,* Qu-xiang Li, Li-juan Tang, Da-hua Shi, and Zhi-ling Cao



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

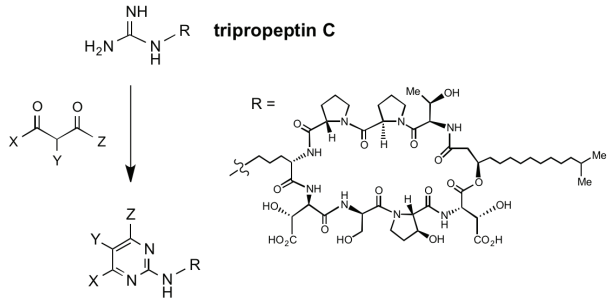


R = 3-ethoxycarbonyl-5-methyl-1-phenyl-1*H*-pyrazol-4-yl

Pyrazole Thiazole Thiadiazole Triazolopyrimidine Antimicrobial Activity

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

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

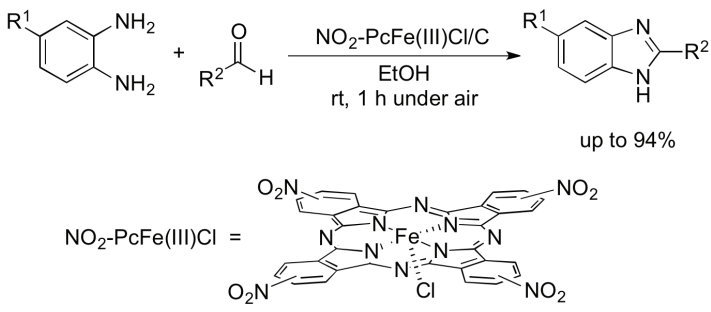


Antibacterial Activity MRSA Pyrimidine Tripropeptin C Synthesis

■ SHORT PAPERS

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

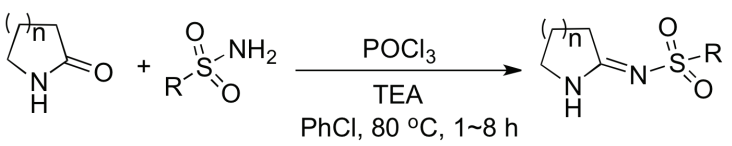
Jun Qiu, Yaodu Zhang, Chengwen Hua, Xiaofeng Gou, Bang Chen, and Junlong Zhao*



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 Abudureheman Wusiman*



n = 1, 2, 3
R = Me, CF_3, C_6H_5, 4-MeC_6H_4, 4-$MeOC_6H_4$, 4-$NO_2C_6H_4$

16 examples
up to
89% isolated yield

N-Sulfonylamidine Sulfonamide Lactam Vilsmeier Intermediate

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

■ BRUSH UP YOUR HETEROCYCLES

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