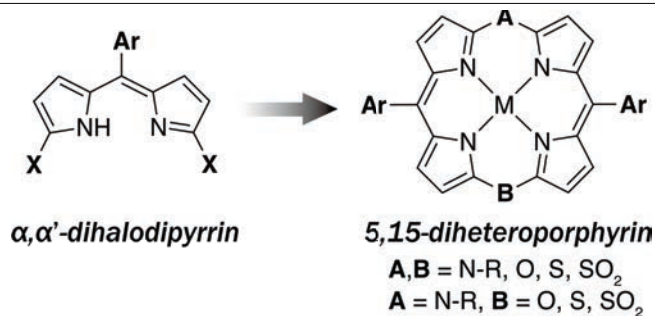


■ REVIEW

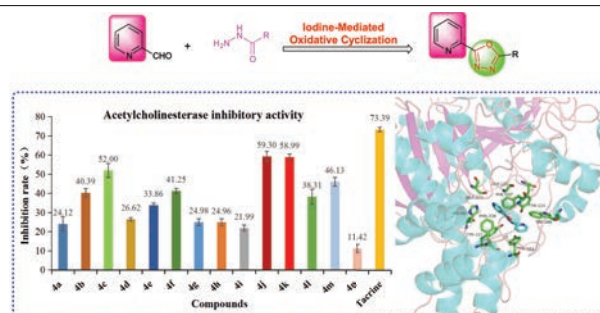
- 1123 **5,15-Diheteroporphyrins Synthesized from α,α' -Dihalodipyrrin as a Key Building Block**
Soji Shimizu*



Porphyrinoid Heterocycle Aromaticity/Antiaromaticity

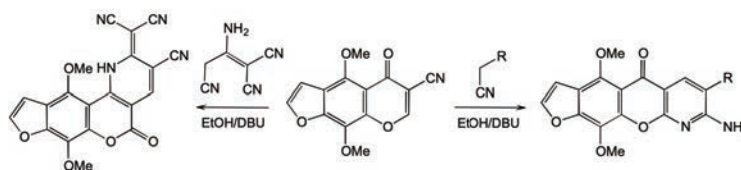
■ PAPERS

- 1163 **Preparation and Acetylcholinesterase Inhibitory Activities of Pyridine-Based 1,3,4-Oxadiazole Derivatives**
Xiang Yu,* Wude Yang, Ling Huang, Xingji Zhou, and Yafang Chen*



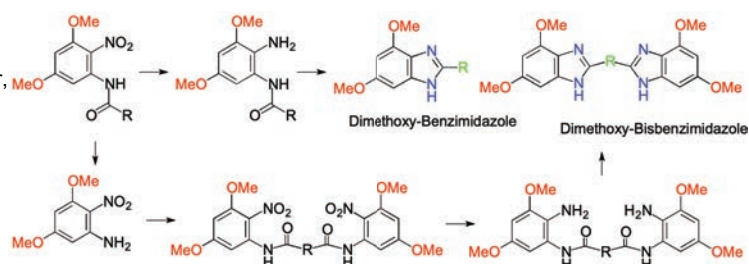
Pyridine 1,3,4-Oxadiazole Acetylcholinesterase Inhibitor Molecular Docking

- 1172 **Chemical Transformations with 4,9-Dimethoxy-5-oxo-5H-furo[3,2-g]chromene-6-carbonitrile: Construction and Antimicrobial Evaluation of the Novel Heteroannulated Furochromenopyridines**
Magdy A. Ibrahim,* Sami A. Al-Harbi, and Esam S. Allehyani



Khellin-6-carbonitrile Basic Rearrangement Furochromenopyridine Furochromenopyridopyrimidine Cyclocondensation

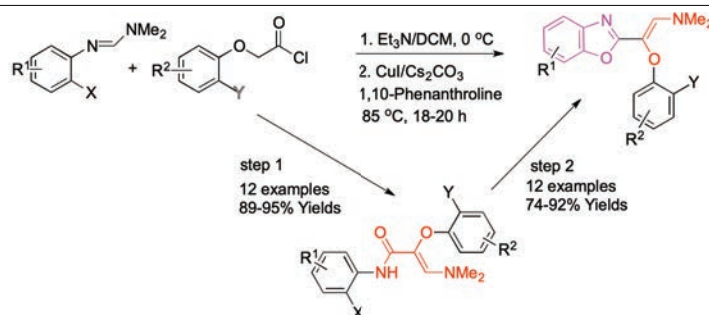
- 1189 **Synthesis of Dimethoxy Activated Benzimidazoles and Bisbenzimidazoles**
Mahiuddin Alamgir, Glenn C. Condie, Vesna Martinovic, Joanne Wood, Hayat Sholihin, Paul K. Bowyer, Naresh Kumar, and David StC. Black*



Benzimidazole Bisbenzimidazole Acylation Nitration Cyclization

1218 Efficient Synthesis of 2-Functionalized Benzoxazoles Catalyzed by Copper Iodide

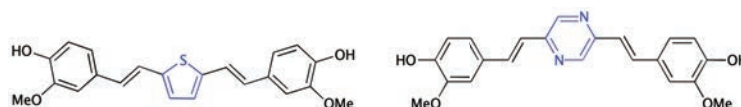
Han Cao,* Xue-jing Liu,* Fu-sheng Bie, Peng Yan, Jie Ma, Yi-jun Shi, and Ying Han



Formamidine Enaminoamide Benzoxazole Copper Iodide

1233 Synthesis and Biological Evaluation of New Curcumin Analogs Inhibiting Osteoclastogenesis

Aoi Sugawara, Toshika Ohashi, Satoshi Ogawa, Naomi Matsumoto, Mayumi Nakanishi-Matsui, Satoru Tamura, and Tomikazu Kawano*



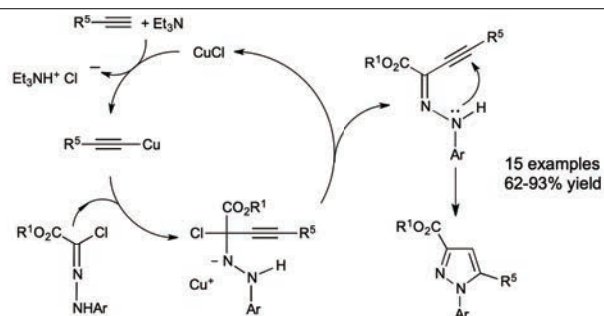
a new type of chemical tool for the treatment of osteoporosis ; No Cytotoxic !

Curcumin Osteoclastogenesis Thiophene Pyrazine Wittig Reaction

■ SHORT PAPERS

1249 When Hydrazonoyl Chlorides Meet Terminal Alkynes: Regioselective Copper(I)-Catalysed "Click" Sequential Reactions to 5-Substituted Pyrazoles

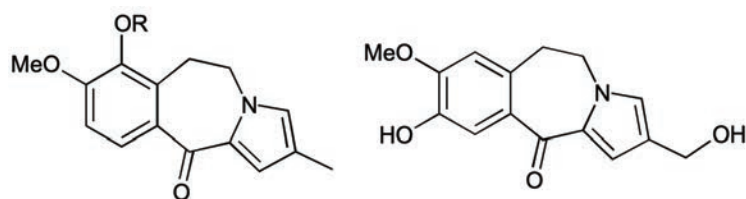
Giorgio Molteni*



Hydrazonoyl Halide Copper(I) Acetylide Sequential Reaction Regioselectivity 5-Substituted Pyrazole

1260 Three New Benzazepine Alkaloids from *Thalictrum cirrhosum* and Their Anti-Rotavirus Activity

Qiu-Fen Hu, Dian Luo, Na Lv, Ya-Ning Zhu, Lu Liu, Fan Wu, Dong Miao, Wei-Guang Wang, Qian Gao, Min Zhou,* and Guang-Yu Yang*



R = H ; Me

Benzazepine Alkaloid *Thalictrum cirrhosum* Anti-Rotavirus Activity

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1269 Polyketides
 - 1278 Aromatics
 - 1292 Terpenes
 - 1303 Steroids
 - 1305 Alkaloids
 - 1338 Miscellaneous
-

■ BRUSH UP YOUR HETEROCYCLES

- 1343 Brush Up Your Heterocycles
-

Contributors To This Issue

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1189 Alamgir, Mahiuddin
1172 Allehyani, Esam S.
1218 Bie, Fu-sheng
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1189 Bowyer, Paul K.
1218 Cao, Han
1163 Chen, Yafang
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1163 Huang, Ling
1172 Ibrahim, Magdy A.
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1260 Zhou, Min
1163 Zhou, Xingji
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