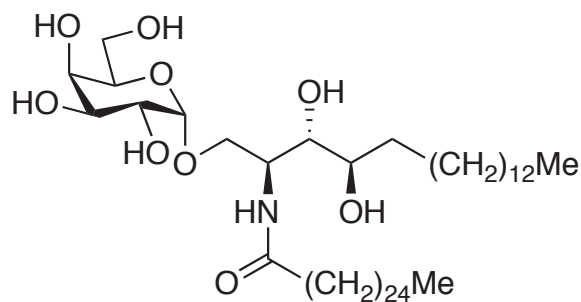


■ REVIEW

951 Sphingolipids and Glycosphingolipids — Their Synthesis and Bioactivities

Kenji Mori\* and Takuya Tashiro

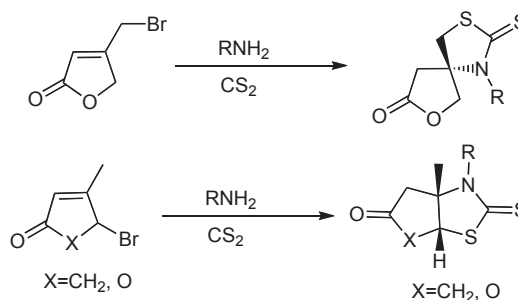


Epidermoside    KRN7000    Plakoside A    Sch II

■ COMMUNICATIONS

1005 Synthesis of Various Substituted Spiro- and Bicyclicthiazolidine-2-thiones by a Multicomponent Reaction and Biological Evaluation *in vitro*

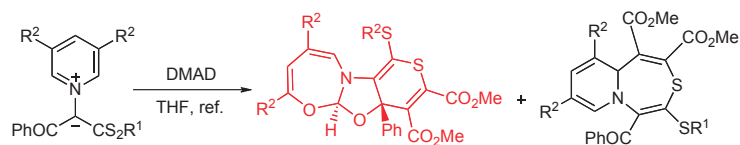
Xiao-Juan Wang, Hai-Wei Xu, Lin-Lin Guo, En Zhang, Guang-Wei Chen, Xiao Guo, and Hong-Min Liu\*



Multicomponent Reaction    Thiazolidine-2-thione    Butenolide    Dithiocarbamate    Biological Activity

1013 Unexpected Formation of Thiino[3',4':4,5]oxazolo-[1,3-*b*][1,3]oxazepine Derivatives

Akikazu Kakehi,\* Kennosuke Itoh, Hiroyuki Suga, Hirofumi Kobayashi, Hideyuki Muranaka, and Motoo Shiro

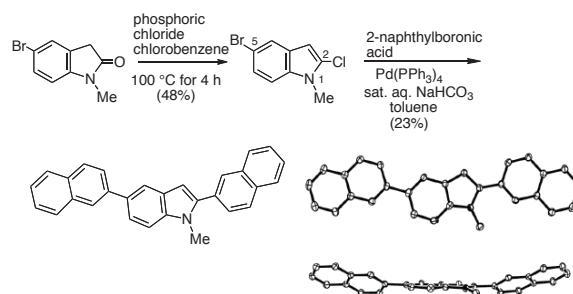


Pyridinium Methylenide    Cycloaddition    Tricyclic 1,3-Oxazepine    THF Peroxide    Oxidative Ring Enlargement

## ■ PAPERS

**1017 A Facile Synthesis of 2,5-Disubstituted Indole Derivatives as New Fluorescent Dyes**

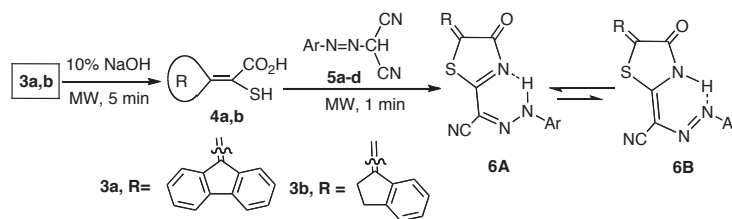
Hidetaka Hiyoshi, Jung-Hee Do, Xing Feng, Taisuke Matsumoto, and Takehiko Yamato\*



Indole Suzuki-Miyaura Cross Coupling Reaction Fluorescent Property Excimer Emission X-Ray Structure

**1029 Synthesis, Theoretical Study, and Antimicrobial Activity of Novel Polysubstituted Thiazoles**

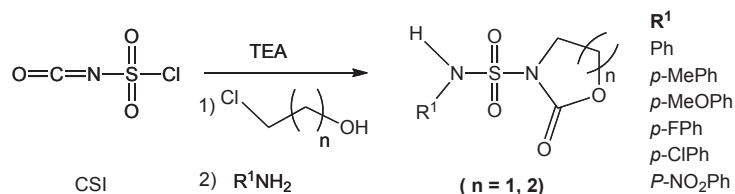
Nadia Hanafy Metwally\* and Sabry El-Taher



2-Thioxo-4-thiazolidinone Derivative 3-Aryl-2-mercaptoacrylic Acid Microwave Irradiation Antimicrobial Activity Density Functional Theory

**1041 Synthesis, Crystal Structure and Antibacterial Evaluation of *N*-Substituted Perhydro-1,3-oxazin-2-ones Containing *N*-Phenylsulfonamide**

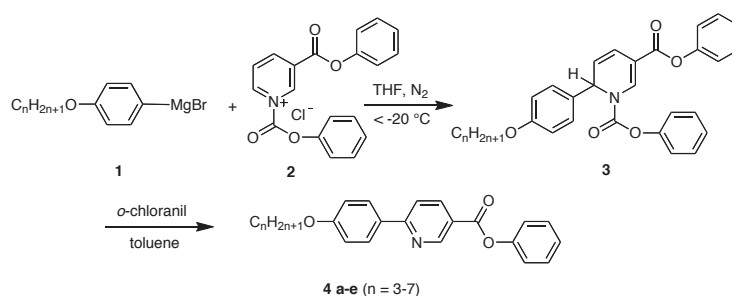
Mounir Nessaib, Abdelghani Djahoudi, Achour Seridi, Hocine Akkari, Nour-Eddine Aouf, Jean-Claude Daran, and Mohamed Abdaoui\*



Chlorosulfonyl Isocyanate Perhydro-1,3-oxazin-2-one Oxazolidin-2-one Phenylsulfonamide Antibacterial Activity

**1057 Synthesis and Mesomorphic Properties of a Series of Phenyl 6-(4-Alkoxyphenyl)nicotines**

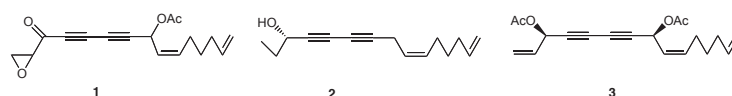
Win-Long Chia\* and Cheng-Yao Tsai



Synthesis Nicotine Containing Compound Liquid Crystal Thermal Analysis Smectic A Phase

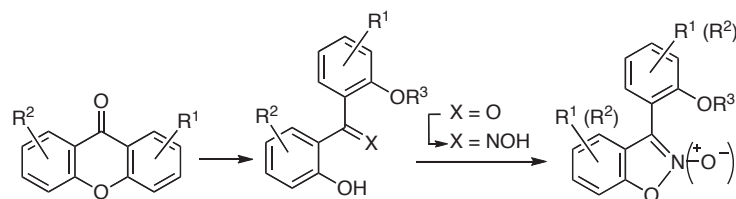
**1067 New Antibacterial Polyacetylenes from Sunflower (*Helianthus annuus* L.) Seedlings**

Fumie Seshimoto, Si Won Hong, Haruyuki Nakajyo, and Hideyuki Shigemori\*


 Polyacetylene Sunflower Seedling *Helianthus annuus* L. Antibacterial *Staphyrococcus aureus*

**1077 Xanthenes in Heterocyclic Synthesis. An Efficient Route for the Synthesis of C-3 *o*-Hydroxyaryl Substituted 1,2-Benzisoxazoles and Their *N*-Oxides, Potential Scaffolds for Angiotensin(II) Antagonist Hybrid Peptides**

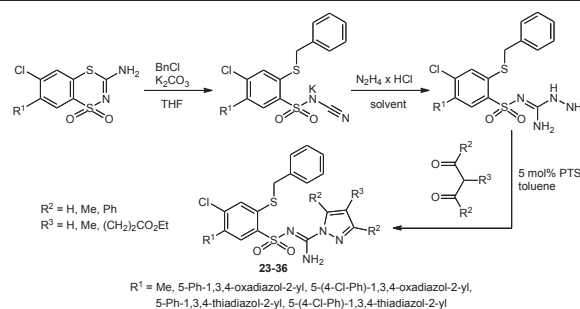
Yiannis Gardikis, Petros G. Tsoungas,\*  
Constantinos Potamitis, Maria Zervou, and  
Paul Cordopatis\*



Reactivity    Ring Opening    Cyclisation

**1093 Synthesis and Antitumor Activity of Novel *N'*-(2-Benzylthiobenzenesulfonyl)-1*H*-pyrazole-1-amidine Derivatives**

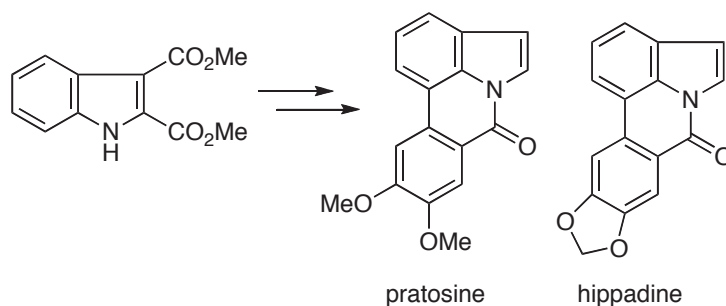
Jarosław Stawiński,\* Kamil Brożewicz, Andrzej Fruziński,  
and Marek L. Główka



*N'*-(Phenylsulfonyl)cyanamide Potassium Salt    2-Mercaptobenzenesulfonamide    *N'*-Benzenesulfonyl-1*H*-pyrazole-1-amidine    Antitumor Activity

**1111 Simple Synthesis of Pratosine and Hippadine by Intramolecular Palladium-Catalyzed Cyclization and Decarboxylation**

Hideaki Umemoto, Masashi Dohshita, Hiromi Hamamoto,  
and Yasuyoshi Miki\*

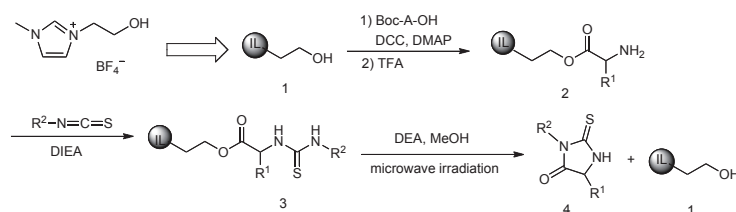


Indole-2,3-dicarboxylic Acid    Protection    Decarboxylation    Pratosine    Hippadine

■ SHORT PAPERS

**1121 Microwave-Assisted Synthesis of 3,5-Disubstituted Thiohydantoin Using Functional Ionic Liquid as Soluble Support**

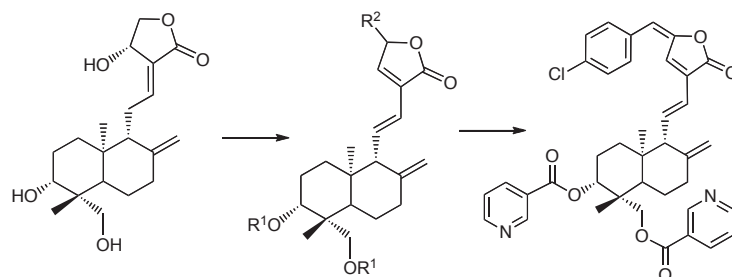
Chen Zhuo,\* Dong Xian, Xie Hui, and Li Mei



Ionic Liquid Support    Intramolecular Cyclization    Microwave Irradiation    Homogeneous Synthesis    Thiohydantoin

**1129 Antifeedant Activities of Tutin and Andrographolide Derivatives against *Mythimna separata***

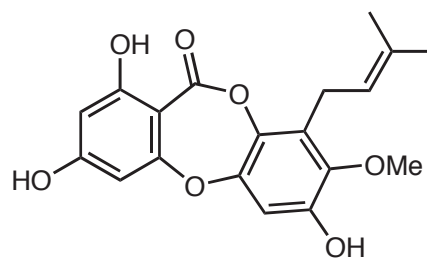
Jun Cui, Meng-Lou Li,\* Yan-Bing Zhang, and Fei-Fei Li



Andrographolide Tutin Insecticide Acylation

**1139 A New Depsidone from the Twigs of *Garcinia cowa***

Sarot Cheenpracha, Wong Phakhodee, Thunwadee Ritthiwigrom, Uma Prawat, and Surat Laphookhieo\*

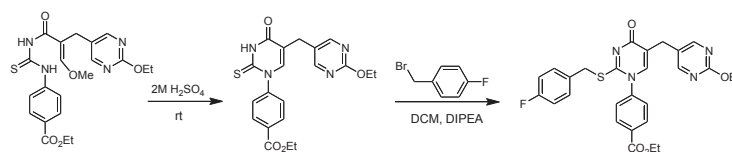


cowadepsidone

Clusiaceae *Garcinia cowa* Cowadepsidone Xanthone Cytotoxicity

**1145 Feasible Synthesis of the GPR40 Antagonist by Constructing 2-Thiouracil Ring via Acid Mediated Cyclization**

Yongfeng Zhao and Jiayu Liao\*



2-Thiouracil Cyclization Room Temperature GPR40 Antagonist GW1100 Synthesis Diabetes

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1153 Polyketides
- 1155 Aromatics
- 1167 Terpenes
- 1178 Steroids
- 1179 Alkaloids

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To This Issue**

- 1041 Abdaoui, Mohamed  
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1129 Cui, Jun  
1041 Daran, Jean-Claude  
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1005 Zhang, En  
1129 Zhang, Yan-Bing  
1145 Zhao, Yongfeng  
1121 Zhuo, Chen