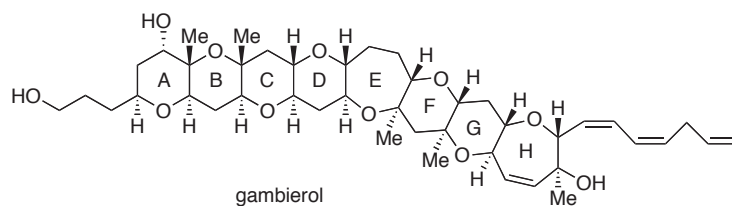


■ REVIEW

2203 Total Synthesis of Gambierol

Yuji Mori*

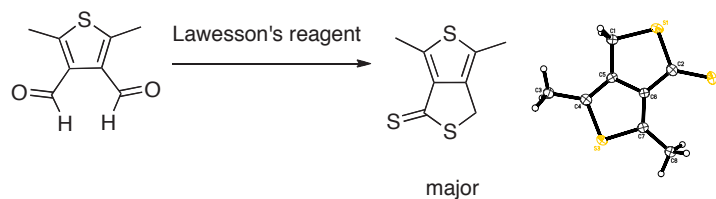


Polycyclic Ether Gambierol Synthesis Oxiranyl Anion Marine Toxin

■ COMMUNICATIONS

2229 The Unexpected Formation and Structure of 4,6-Dimethylthieno[3,4-*c*]thiophene-1(3*H*)-thione

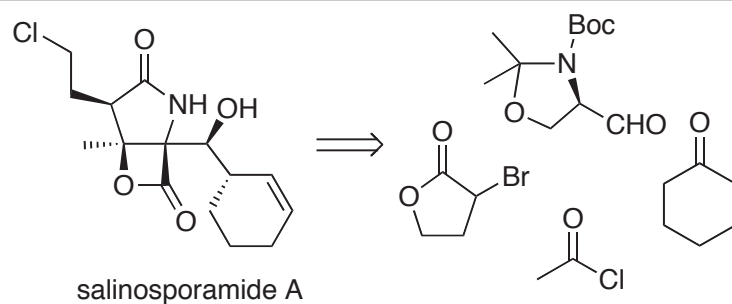
Nathan C. Tice,* Sarah M. Peak, and Sean Parkin



Thiophene Thione X-Ray Crystal Structure Ring Closure Electronic Material

2239 An Enantio- and Diastereocontrolled Synthesis of (-)-Salinosporamide A

Yosuke Sato, Hayato Fukuda, Masaki Tomizawa, Tomohito Masaki, Masatoshi Shibuya, Naoki Kanoh, and Yoshiharu Iwabuchi*

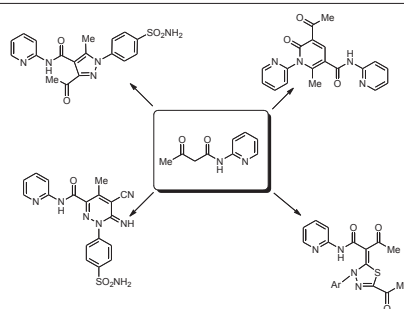


Salinosporamide A Total Synthesis Reformatsky Reaction Rh-Catalysis AZADO

■ PAPERS

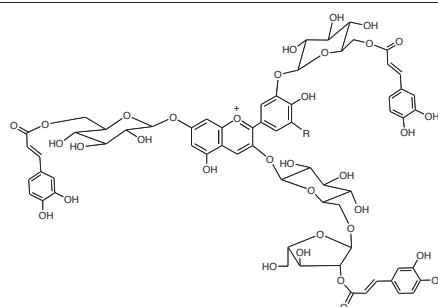
2247 Synthesis and Antimicrobial Evaluation of Some New Pyridine Based Heterocycles

Elham S. Darwish, Nabila A. Kheder, and Ahmad M. Farag*


 3-Oxo-*N*-(pyridin-2-yl)butanamide Hydrazonoyl Chloride 1,3,4-Thiadiazole Sulfonamide Antimicrobial Evaluation

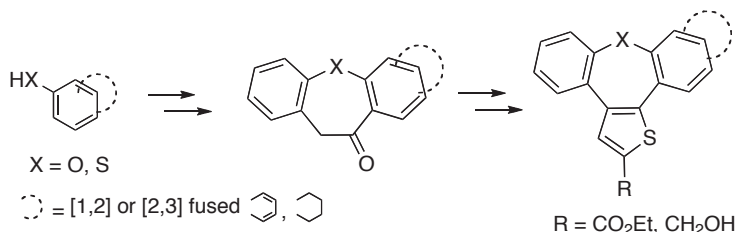
2257 Triacylated Anthocyanidin 3-Arabinosylglucoside-7,3'-diglucosides Isolated from the Bluish Flowers of *Tradescantia virginiana* Cultivars and Their Distribution in the Tradescantieae

Fumi Tatsuzawa,* Norio Saito, Kazushi Maeyama, Masato Yokoi, Atsushi Shigihara, and Toshio Honda


Tradescantia virginiana Commelinaceae Tradescantieae Triacylated Anthocyanidin 3-Arabinosylglucoside-7,3'-diglucoside Caffeic Acid

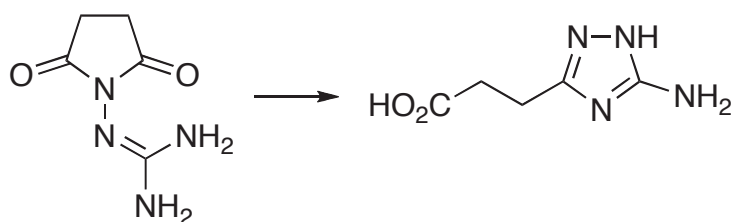
2269 Synthesis of Naphtho[2,3-*b*]- and Naphtho[1,2-*b*]-fused Thieno[2,3-*d*][1]benzoxepins and Thieno[2,3-*d*][1]benzothiepins

Ivana Ozimec Landek,* Dijana Pešić, Rudolf Trojko, Maja Devčić Bogdanović, Mladen Merčep, and Milan Mesić


 Thieno[2,3-*d*]-fused Benzonaphthothiepin Thieno[2,3-*d*]-fused Benzonaphthooxepin Tetracyclic Ketone Thiophene Annulation

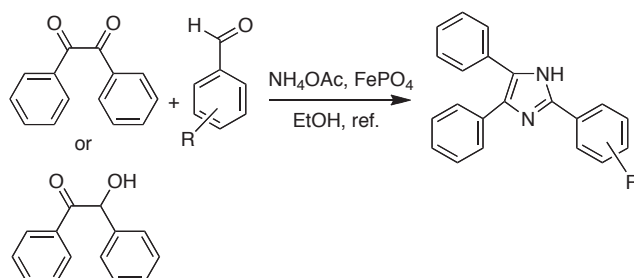
2291 Rearrangement of 2-(2,5-Dioxopyrrolidin-1-yl)guanidine: An Efficient Synthesis and Structure of 3-(5-Amino-1*H*-1,2,4-triazol-3-yl)propanoic Acid and Derivatives

Victor M. Chernyshev,* Anna V. Chernysheva, and Zoya A. Starikova


C-Amino-1,2,4-triazole Aminoguanidine 2-Guanylhaziridine Dicarboxylic Acid Succinic Anhydride

2313 Anhydrous FePO₄: A Green and Cost-Effective Catalyst for the One-Pot Three Component Synthesis of 2,4,5-Triaryl Substituted Imidazoles

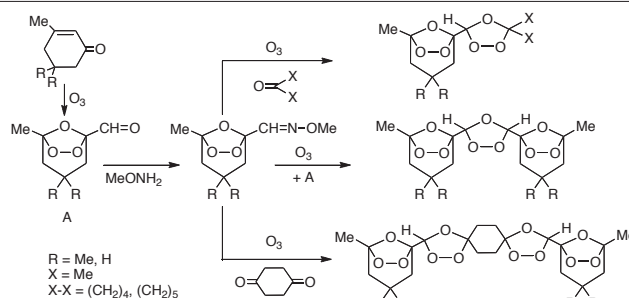
Farahnaz K. Behbahani,* Talaye Yektanezhad, and Afshin R. Khorrami


 One-Pot Synthesis FePO₄ 2,4,5-Triaryl Substituted Imidazole Catalyst

■ NOTES

2323 Ozonolyses of Isophorone and of 3-Methyl-2-cyclohexen-1-one and Subsequent Reactions of the Respective Ozonides to Afford Di-, Tri- and Tetraozonides

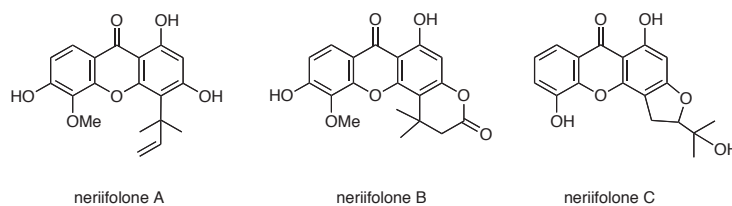
In Chan Jung,* Sad Alam Sheikh, Byong-Mun Jon, Wei Li, Bon-Suk Goo, and In-Soo Jeong



Ozonolysis Coozonolysis Ozonide Isophorone 3-Methyl-2-cyclohexen-1-one

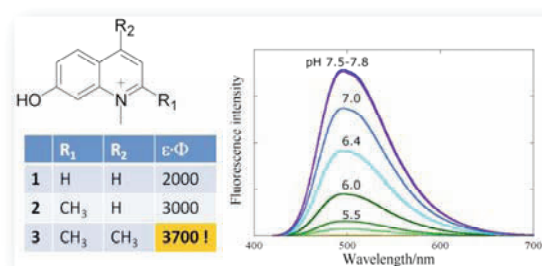
2335 New Xanthenes from the Barks of *Cratoxylum sumatranum* ssp. *neriifolium*

Warraphong Nuangnaowarat, Worrapong Phupong,* and Masahiko Isaka


 Clusiaceae *Cratoxylum sumatranum* ssp. *neriifolium* Neriifolone Xanthone

2343 Substituent Effect of 7-Hydroxy-1-methylquinolinium Derivatives: A Photochemical Approach to Development of New Fluorescent pH Indicator

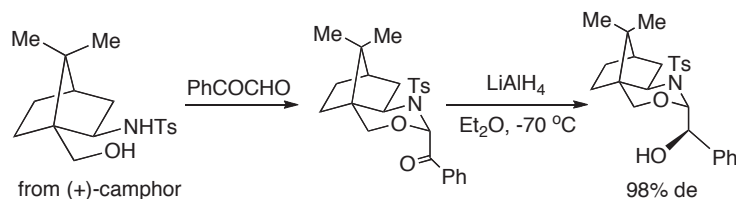
Naoko Senda, Atsuya Momotake, and Tatsuo Arai*



Substituent Effect Fluorescence Excited-State Protolysis Quinolinium Ion pH Indicator

2351 Diastereoselective Reduction of Chiral *M*-Tosyl-2-benzoyl-1,3-oxazine Derived from (1*R*)-(+)-Camphor

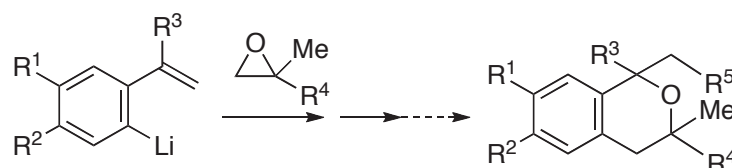
Kwang-Youn Ko* and Hoseop Yun



Reduction Diastereoselectivity 1,3-Oxazine Chelate Model (+)-Camphor

2361 Synthesis of Isochromans by Hydriodic Acid or Iodine Mediated Cyclization Reactions of 1-(2-Vinylphenyl)propan-2-ols

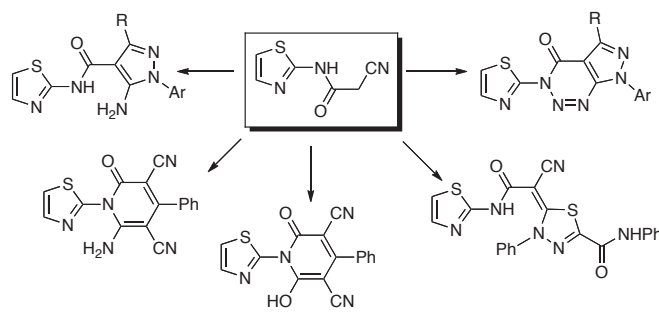
Kazuhiro Kobayashi,* Kazuaki Shikata, Hiroki Maegawa, Shuhei Fukamachi, Miyuki Tanmatsu, and Hisatoshi Konishi


 $R^1, R^2 = \text{H, OMe}; R^3 = \text{Me, Ph}; R^4 = \text{H, Me}; R^5 = \text{H, I, SR}^6$

Isochroman Hydriodic Acid Iodine 2-Lithiostyrene Epoxide

2369 An Efficient Synthesis of New Thiazole Based Heterocycles

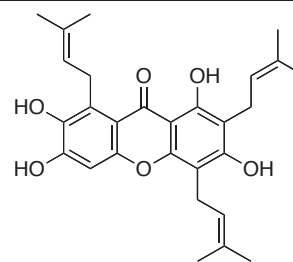
Yahia N. Mabkhot, Nabila A. Kheder, and Ahmad M. Farag*



2-Cyano-*N*-(thiazol-2-yl)acetamide Hydrazonoyl Chloride Pyrazolo[3,4-*d*]-1,2,3-triazin-4-one 1,3,4-Thiadiazole Pyridine-3,5-dicarbonitrile

2377 New Prenylated Xanthone from the Branch of *Garcinia costata*

Warraphong Nuangnaowarat, Worrapong Phupong,*
Kamolphan Intereya, and Masahiko Isaka



costatin

Antimalarial Activity Costatin Cytotoxicity *Garcinia costata* Xanthone

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2385 Polyketides
- 2388 Aromatics
- 2396 Terpenes
- 2402 Steroids
- 2404 Alkaloids
- 2413 Miscellaneous

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2417 Polyketides
 - 2422 Aromatics
 - 2424 Terpenes
 - 2427 Alkaloids
 - 2437 Miscellaneous
-

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To This Issue**

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