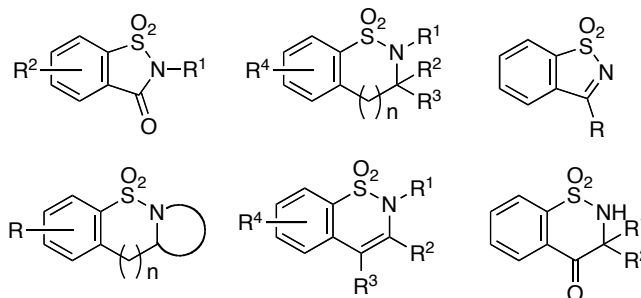


■ REVIEWS

1387 **New Developments in the Synthesis of Saccharin Related Five- and Six-Membered Benzosultams**

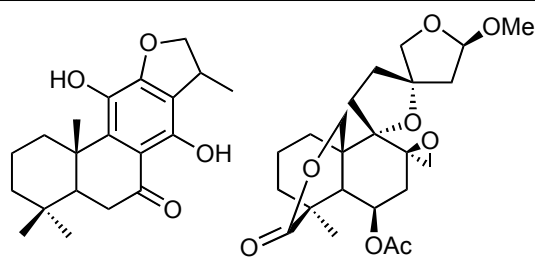
Zhaopeng Liu* and Yoshio Takeuchi



Benzosultam Saccharin Derivative Cyclization Intramolecular C-H Amination Intramolecular Aziridination

1413 **The Diterpenoids from the Genus *Hyptis* (Lamiaceae)**

Franco Piozzi,* Maurizio Bruno, Sergio Rosselli, and Antonella Maggio



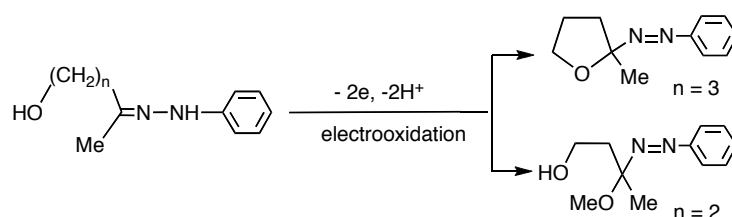
hyptol 15β-methoxyfasciculatin

Hyptis Diterpenoid Abietane Labdane Bioactivity

■ COMMUNICATIONS

1427 **Novel Application of an Electrooxidative Method for the Formation of a Tetrahydrofuran Ring from 5-Hydroxy-2-pentanone Phenylhydrazone**

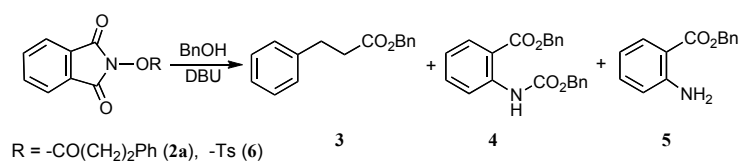
Mitsuhiro Okimoto,* Takashi Yoshida, Masayuki Hoshi, Kazuyuki Hattori, Masashi Komata, and Tomohito Chiba



Electrooxidation Cyclization Methoxylation Electron Transfer Iodonium Ion

1433 **Lossen-Type Rearrangement Products in the Reaction of *N*-(Phthalimidoyloxy)-3-phenylpropionate and -tosylate with Benzyl Alcohol**

Shunsuke Takagi, Md. Chanmiya Sheikh, Asako Ogasawara, Masayuki Ohira, Hitoshi Abe, and Hiroyuki Morita*

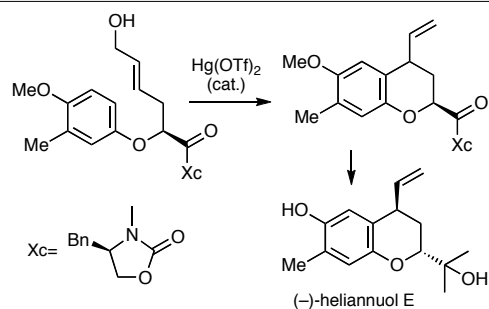


R = -CO(CH₂)₂Ph (2a), -Ts (6)

Lossen Rearrangement *N*-Phthalimide Derivative Active Ester DBU Cross-Linking Reagent

1439 Synthesis of (-)-Heliannuol E via Mercuric Triflate Catalyzed Arylene Cyclization

Tomoyo Kamei, Tamiko Takahashi, Masahiro Yoshida, and Koza Shishido*

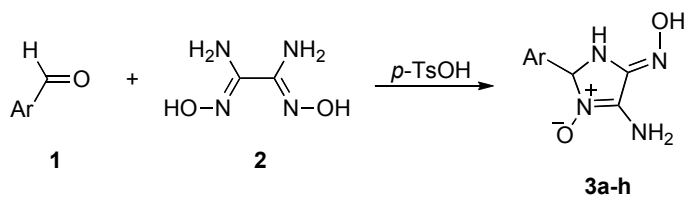


Heliannuol E Total Synthesis Mercuric Triflate Arylene Cyclization Catalytic Reaction

■ PAPERS

1445 Convenient Synthesis of Novel Nitrones: (Z)-4-Amino-5-hydroxyimino-2,5-dihydro-1H-imidazole 3-Oxides

Xue-Qin Cao, Zhan-Xiong Li, Wen-Xing Zhong, Li-Hua Qiu, and Guo-Qiang Chen*

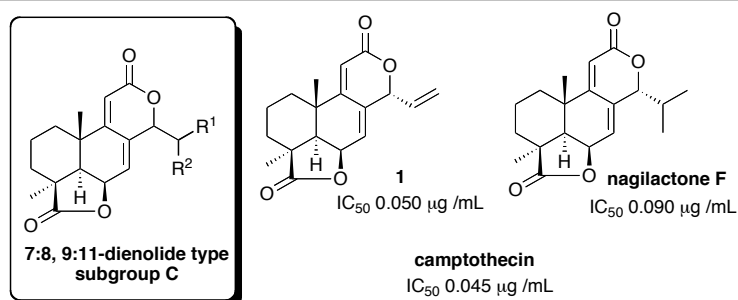


3a: Ar= Ph **3b:** Ar= 2-HOC₆H₄
3c: Ar= 4-MeC₆H₄ **3d:** Ar= 2-MeOC₆H₄
3e: Ar= 2-O₂NC₆H₄ **3f:** Ar= 3-O₂NC₆H₄
3g: Ar= 4-O₂NC₆H₄ **3h:** Ar= 2-Cl-5-O₂NC₆H₃

3,4-Diaminoglyoxime Benzaldehyde *p*-Toluenesulfonic Acid (Z)-4-Amino-5-hydroxyimino-2,5-dihydro-1H-imidazole 3-Oxide Nitrone

1453 New Cytotoxic Nor- and Bisnorditerpene Dilactones, Makilactones A-D, from *Podocarpus macrophyllus* D. Don

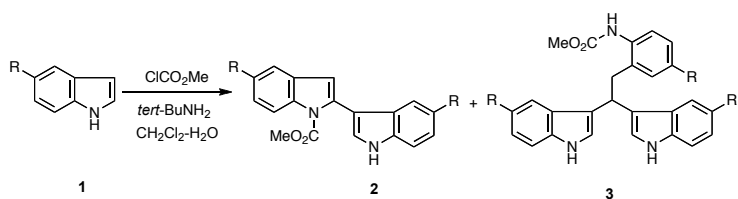
Kimihiko Sato, Keito Sugawara, Hirono Takeuchi, Hyun-Sun Park, Toshiyuki Akiyama, Tetsuo Koyama, Haruhiko Fukaya, Yutaka Aoyagi, and Koichi Takeya*



Podocarpus macrophyllus D. Don Norditerpene Dilactone Bisnorditerpene Dilactone 7:8, 9:11-Dienolide Type Cytotoxic Activity

1463 Synthesis of Indolyindolines Mediated by *tert*-BuNH₂

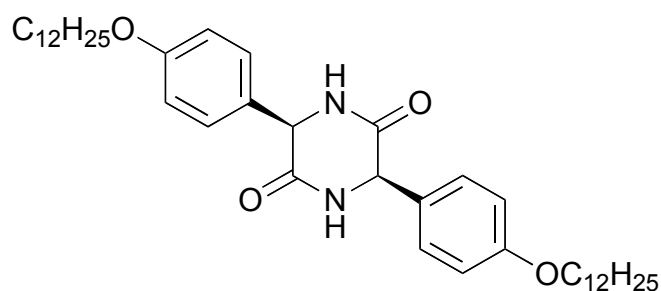
Oscar R. Suárez-Castillo,* Myriam Meléndez-Rodríguez, Ana L. Morales-García, Indira C. Cano-Escudero, Yaneth M. A. Contreras-Martínez, Martha S. Morales-Ríos, and Pedro Joseph-Nathan



Indolyindoline Indole Trimer Methyl Chloroformate *tert*-BuNH₂ Dynamic Process

1477 Diketopiperazine Supramolecule Derived from Hydroxyphenylglycine

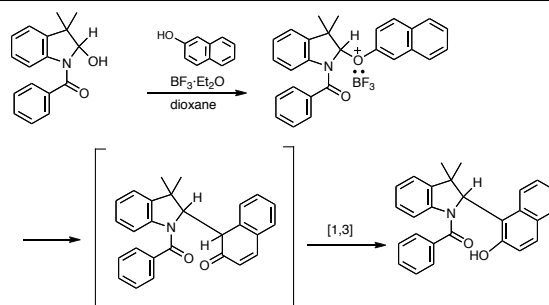
Yosuke Ohta, Kayo Terada, Toshio Masuda, and Fumio Sanda*



Diketopiperazine Hydrogen Bonding Molecular Modeling Self Assemble Supramolecule

1485 Role of 2-Naphthyl Ether Intermediate in Formation of Isolable Atropisomers Derived from the Coupling Reaction of (2-Hydroxy-3,3-dimethylindolin-1-yl)(substituted Phenyl)methanones with 2-Naphthol

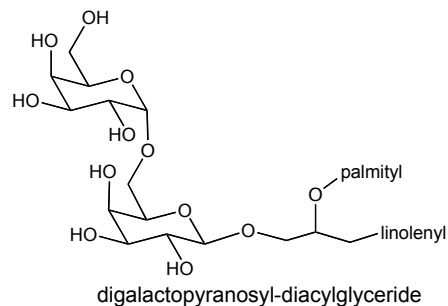
Masashi Eto, Fumikazu Ito, Hidetoshi Sato, Itaru Shinohara, Koki Yamaguchi, Yasuyuki Yoshitake, and Kazunobu Harano*



1-Aroyl-2-aryl-3,3-dimethylindoline Diastereomeric Atropisomer Fries Type Rearrangement Boron Trifluoride Diethyl Ether

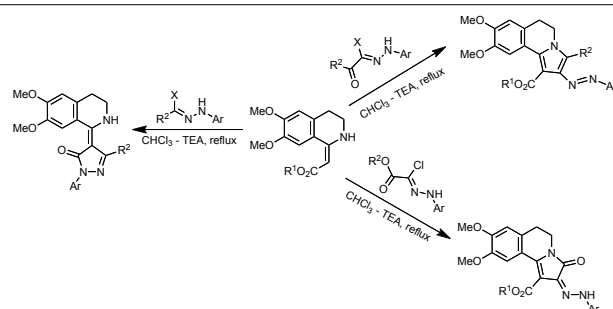
1497 Isolation of β -Sitosterol and Digalactopyranosyl-diacylglyceride from *Citrus hystrix*, a Thai Traditional Herb, as Pancreatic Lipase Inhibitors

Daisuke Watanabe, Rie Kerakawati, Tetsuo Morita, Tomonori Nakamura, Koichi Ueno, Takuya Kumamoto, Waka Nakanishi, Tsutomu Ishikawa,* Jun Uzawa, Hiroko Seki, Masahiko Tachi, Ken-ichi Harada, Yoshinori Higuchi, and Chaiyo Chaichantipyuth


Citrus hystrix β -Sitosterol Digalactopyranosyl-diacylglyceride Pancreatic Lipase Inhibitor Activity-Guided Isolation

1507 A Facile Access for Synthesis of Novel Isoquinoline-Based Heterocycles

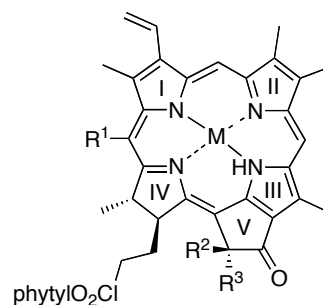
Hamdi M. Hassaneen,* Tayseer A. Abdallah,* and Enas M. Awad



Hydrazonoyl Halide (3,4-Dihydro-6,7-dimethoxy-2H-1-isoquinolin-1-ylidene)carboxylate and -2,5-diarylpyrazol-3-one 2-Aryldiazopyrrolo[2,1-a]isoquinoline

1523 Structure and Conformation of Photosynthetic Pigments and Related Compounds. 13. Identification of Localized Vibrational Modes in Chlorophyll A Derivatives

Mathias O. Senge*

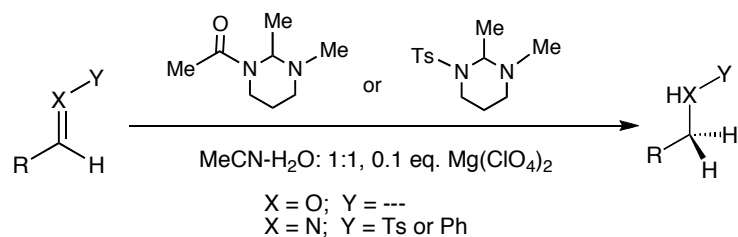


Chlorophyll Resonance Raman Spectroscopy Conformational Analysis Phytychlorin

■ NOTES

1541 Tetrahydropyrimidine Derivatives as Efficient Organic Reductants for Transfer Hydrogenation

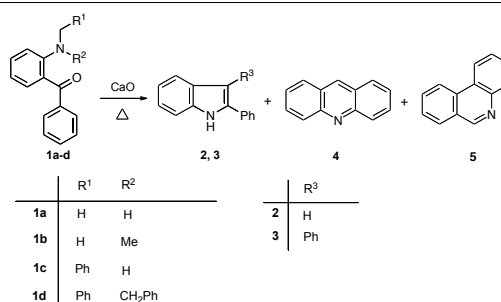
Yongbin Zhang, Guofu Zhou, and Wei Guo*



Tetrahydropyrimidine Derivative Transfer Hydrogenation Aldehyde Imine Organic Reductant

1549 Thermal Decomposition of *N*-Alkylated 2-Aminobenzophenones

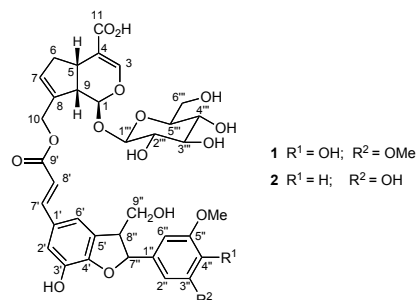
Evelyn Cuevas Creencia,* Atsushi Takahashi, and Takaaki Horaguchi*



Thermal Decomposition 2-Phenylindole 2,3-Diphenylindole 2-Aminobenzophenone Heterocyclic Compound

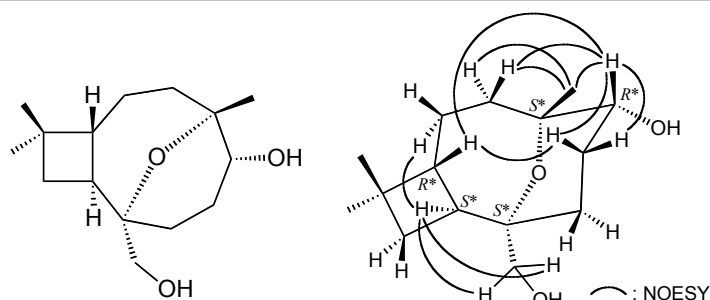
1557 Scyphiphorins C and D, Two New Iridoid Glycosides from the Chinese Mangrove *Scyphiphora hydrophyllacea*

Shu-Hong Tao, Shu-Hua Qi, Si Zhang,* Zhi-Hui Xiao, and Qing-Xin Li


Scyphiphora hydrophyllacea Scyphiphorin C Scyphiphorin D Iridoid Glycoside

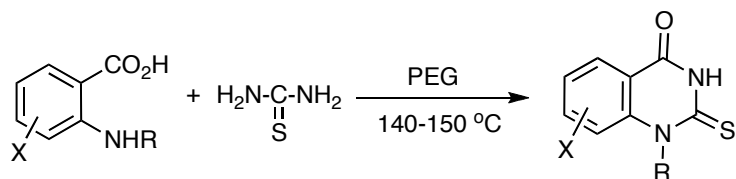
1563 Rumphelloide H, a New Natural Caryophyllane from the Gorgonian *Rumphella antipathies*

Tsong-Long Hwang, Yin-Di Su, Wan-Ping Hu, Li-Fan Chuang, and Ping-Jyun Sung*


 Rumphelloide Caryophyllane Gorgonian *Rumphella antipathies* Elastase

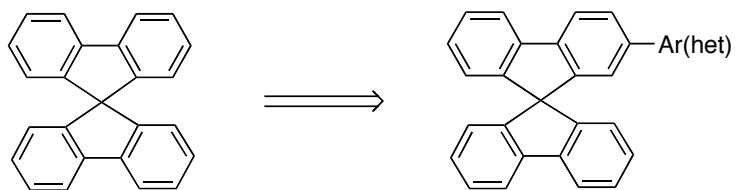
1569 A Facile and Convenient Method to the One-Pot Synthesis of 2-Mercapto-4(3*H*)-quinazolinones

Farzad Nikpour,* Roya Mozafari, and Touraj Paibast


 Anthranilic Acid Thiourea 2-Mercapto-4(3*H*)-quinazolinone 2-Thioxo-4(3*H*)-quinazolinone Cyclocondensation Reaction

1573 Synthesis and Properties of 9,9'-Spirobifluorene-Based Heterocycles

Jong Myoung Chea and Yurngdong Jahng*

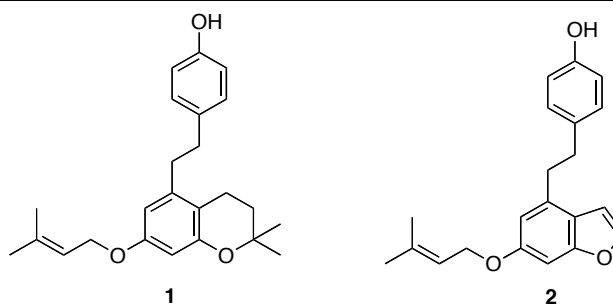


Ar = pyrid-2-yl, quinol-2-yl-, benzo[*h*]quinol-2-yl, 1,10-phenanthrol-2-yl, and benzo[*b*]-1,10-phenanthrol-2-yl

9,9'-Spirobifluorene 2-Acetyl-9,9'-spirobifluorene Friedländer Reaction 2-Heteroaryl-9,9'-spirobifluorene α -Aminoarene-carbaldehyde

1581 Studies of Traditional Folk Medicines in Xinjiang Uighur Autonomous. II. Research for Chemical Constituents of Xinjiang Licorice

Noriaki Iwasaki, Masaki Baba,* Halisha Aishan, Yoshihito Okada, and Toru Okuyama



Xinjiang Licorice *Glycyrrhiza inflata* Dihydrostilbene Chalcone Phenolic Compound

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1589 Polyketides
- 1593 Aromatics
- 1596 Terpenes
- 1604 Steroids
- 1606 Alkaloids

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1611 Polyketides
 - 1615 Aromatics
 - 1618 Terpenes
 - 1619 Alkaloids
 - 1626 Miscellaneous
-

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- | | | | |
|------|----------------------------------|------|---------------------------|
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| 1497 | Nakanishi, Waka | | |
| 1569 | Nikpour, Farzad | | |
| 1433 | Ogasawara, Asako | | |