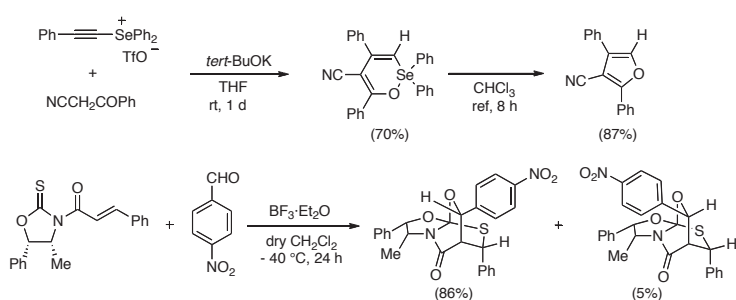


■ REVIEWS

477 Tandem Reactions Initiated by the Conjugate Addition of Chalcogen Compounds — Utilization and Synthesis of Heterocycles —

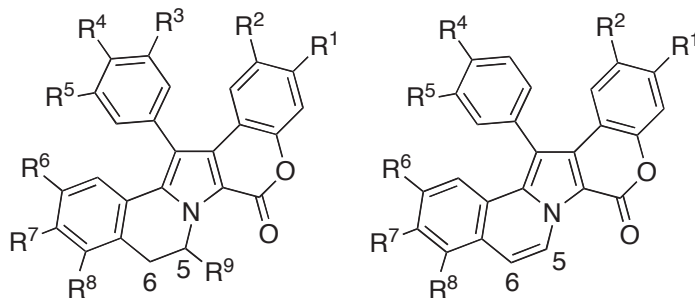
Tadashi Kataoka and Shin-ichi Watanabe*



Tandem Reaction Michael Addition Chalcogenonium Salt Chalcogenide Asymmetric Reaction

491 Synthesis and Biological Activity of Lamellarin Alkaloids: An Overview

Tsutomu Fukuda, Fumito Ishibashi, and Masatomo Iwao*

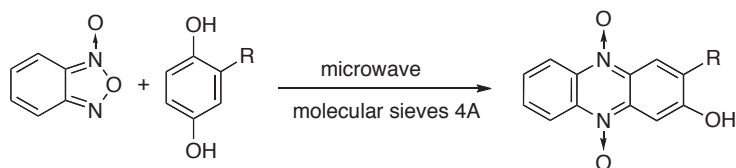


Lamellarin Alkaloid Marine Natural Product Synthesis Biological Activity Structure and Activity Relationships

■ COMMUNICATION

531 Molecular Sieves Catalyzed Synthesis of Phenazine 5,10-Dioxides under Solvent-Free Conditions Using Microwave Irradiation

Saeka Takeuchi, Hiroaki Saito, Shinichi Miyairi, and Tohru Takabatake*

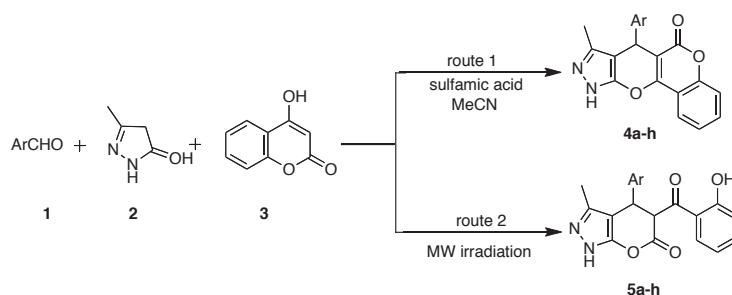


Benzofuroxan Microwave Phenazine Molecular Sieves Dihydroxybenzene

■ PAPERS

535 One-Pot Chemoselective Synthesis of Different Pyrano-Pyrazole Derivatives

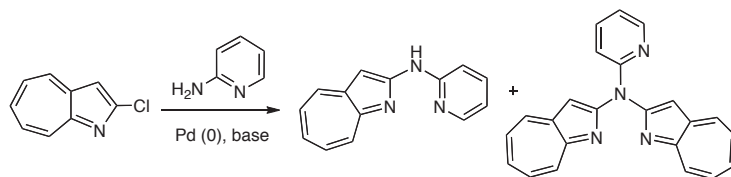
Majid M. Heravi,* Mina Saeedi, Yahya S. Beheshtiha, and Hossein A. Oskooie



Chemoselective Synthesis Pyrano-Pyrazole Derivative Multicomponent Reaction MW Irradiation 4-Hydroxyl-2H-chromen-2-one

547 Palladium-Catalyzed Amination of 2-Chloro-1-azaazulene with 2-Aminopyridine

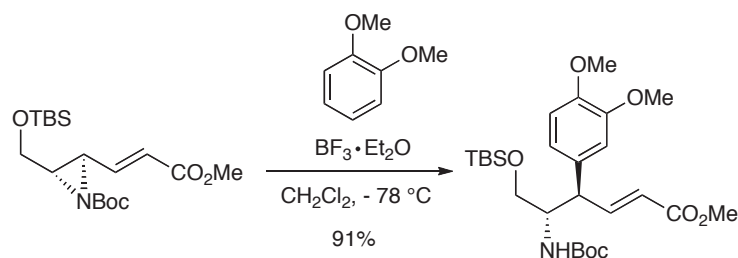
Mitsunori Oda,* Daisuke Miyawaki, Naoko Matsumoto, and Shigeyasu Kuroda



Palladium-Catalyzed Amination Pyridine Azaazulene Absorption and Emission Spectra Basicity

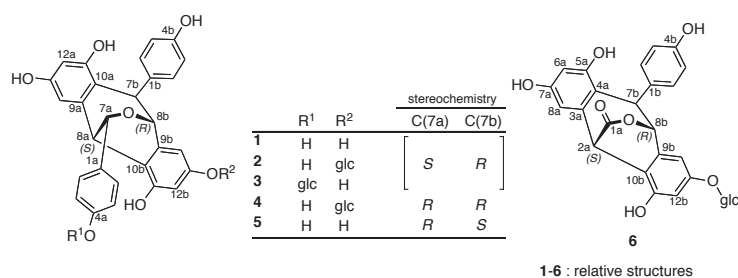
555 Friedel-Crafts Reactions of Vinylaziridine Linked to an Ester Group

Hisashi Takada, Eiko Yasui, Yui Sahara, Yūki Chinen, Hirotohi Tanaka, Yusuke Morita, Chihiro Kobiki, Daiki Narisawa, Megumi Mizukami, Masaaki Miyashita, and Shinji Nagumo*


 Vinylaziridine Friedel-Crafts Reaction Regioselectivity 5-Amino-4-aryl-2-hexenoate S_N2 Reaction

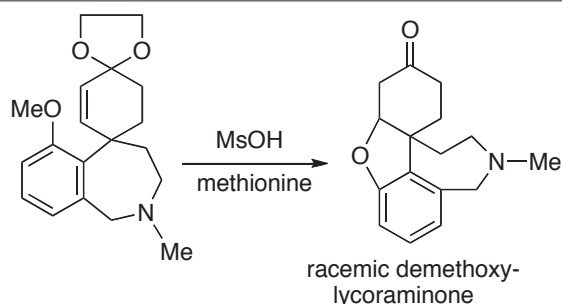
571 Resveratrol Dimers with an Oxabicyclo Ring in *Vatica albiramis*

Naohito Abe, Tetsuro Ito, Masayoshi Oyama, Ryuichi Sawa, Yoshikazu Takahashi, and Munekazu Iinuma*


Vatica albiramis Dipterocarpaceae Resveratrol Oligomer Oxabicyclo Ring Structure Elucidation

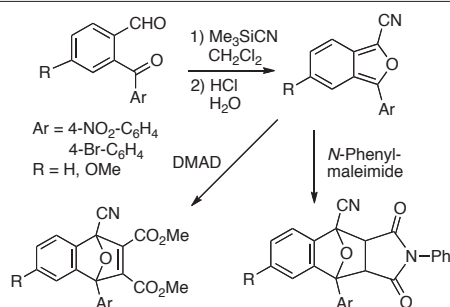
581 Synthesis of Demethoxy-Lycoraminone

Klára Herke, László Hazai, Zsófia Dubrovay, Viktor Háda, Zsuzsanna Sánta, Csaba Szántay, Jr., György Kalaus, and Csaba Szántay*


Amaryllidaceae Alkaloid Galanthamine Lycoramine Demethoxy Derivative Spirobenzazepine

591 Synthesis and Transformations of Novel Benzo[*c*]furans

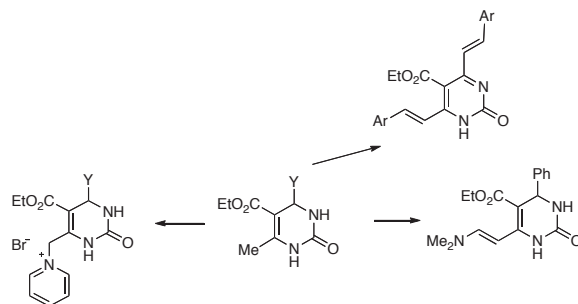
Roberta Palkó, Zsuzsanna Riedl, Sándor Sólyom, István Pallagi, Tibor András Rokob, Orsolya Egyed, and György Hajós*



Ring Closure Diels-Alder Reaction Isobenzofuran Polar Character DFT Calculation

SHORT PAPERS
609 Synthesis and Antimicrobial Evaluation of Some New Tetrahydropyrimidine Derivatives

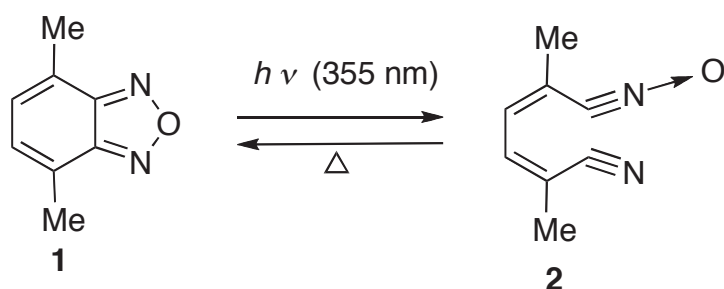
Yahia N. Mabkhot, Nabila A. Kheder,* and Ahmad M. Farag



1,2,3,4-Tetrahydropyrimidine Dimethylformamide Dimethyl Acetal Pyridinium *N*-Ylide Phenyl Isothiocyanate Antimicrobial Evaluation

619 Photochemical Reaction of 4,7-Dimethylbenzofurazan Using Laser

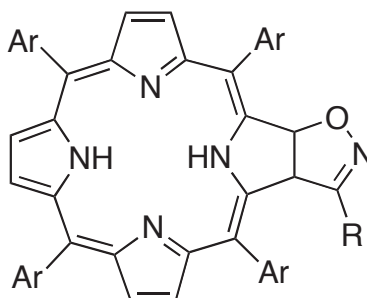
Akira Mori, Yoshiteru Mikami, Hiroaki Saito, Koji Kobayashi, Shinichi Miyairi, Hisashi Ohshima, and Tohru Takabatake*



Benzofurazan LASER Photoreaction YAG Dinitrile

627 Silyl Nitronate 1,3-Dipolar Cycloaddition Reactions with *meso*-Tetraarylporphyrins

Mothi M. Ebrahim, Maxime Moreau, and Mathias O. Senge*



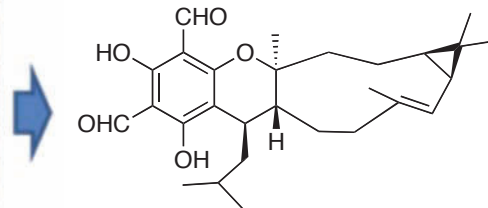
Chlorin 1,3-Dipolar Addition Cycloaddition Silyl Nitronate Porphyrin

631 **Phloroglucinols from the Leaves of *Eucalyptus globulus***

Tetsuro Kawabata, Tatsuya Hasegawa, Yuka Nojiri,
Chiaki Uchida, Tomoyuki Tsubata, Hikaru Kato,
Fumihide Takano, and Tomihisa Ohta*



Eucalyptus globulus



euglobal-IX

Eucalyptus globulus Acylphloroglucinol Terpenoid CYP3A4

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 637 Polyketides
- 641 Aromatics
- 645 Terpenes
- 660 Steroids
- 661 Alkaloids
- 669 Miscellaneous

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 671 Polyketides
- 676 Aromatics
- 680 Terpenes
- 683 Alkaloids
- 693 Miscellaneous

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 447 Kataoka, Tadashi
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 631 Kawabata, Tetsuro
 609 Kheder, Nabila A.
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 555 Kobiki, Chihiro
 547 Kuroda, Shigeyasu
 609 Mabkhot, Yahia N.
 547 Matsumoto, Naoko
 619 Mikami, Yoshiteru
 531, 619 Miyairi, Shinichi
 555 Miyashita, Masaaki
 547 Miyawaki, Daisuke
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 555 Yasui, Eiko