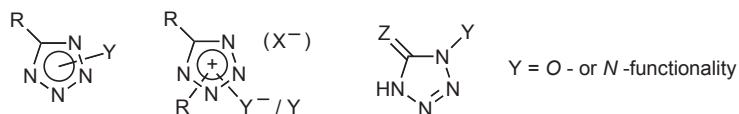


■ REVIEWS

1435 *N*-Hydroxy- and *N*-Aminotetrazoles and Their Derivatives – Synthesis and Reactions

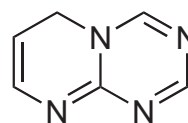
Dietrich Moderhack*



N-Hydroxytetrazole Tetrazolium *N*-Oxide *N*-Aminotetrazole *N*-Aminotetrazolium Salt Tetrazolium *N*-Aminide

1489 Synthetic Routes towards Pyrimido[1,2-*d*][1,3,5]triazines (Review)

Anton V. Dolzhenko*

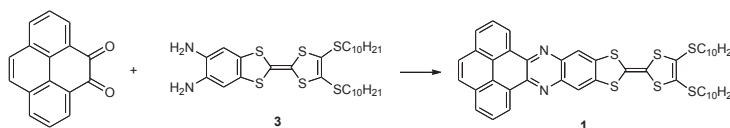


Triazine Pyrimidine Quinazoline Pyrimido[1,3,5]triazine Ring Closure

■ PAPERS

1527 A Novel Conjugated Donor-Acceptor System Based on Tetrathiafulvalene Merging Pyrene Unit: Synthesis, Physical Properties and Theoretical Calculations

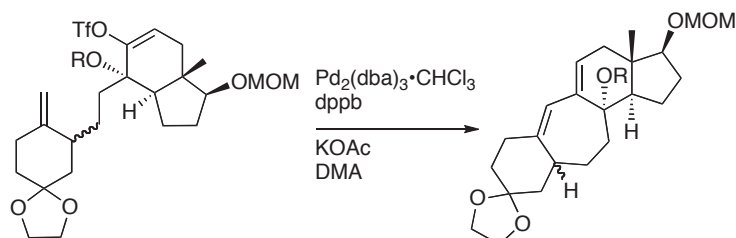
Chunyang Jia,* Jiaqiang Zhang, Ligong Zhang, and Xiaojun Yao



Tetrathiafulvalene Donor - Acceptor Intramolecular Charge Transfer Molecular Switch Theoretical Calculation

1535 Synthetic Study of Carbocyclic Core of Cortistatin A, an Anti-Angiogenic Steroidal Alkaloid from Marine Sponge

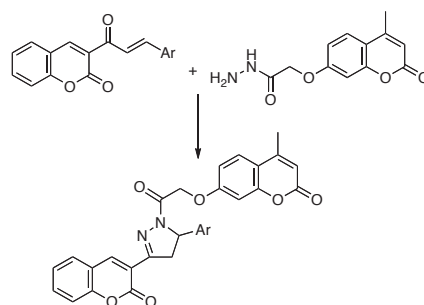
Naoyuki Kotoku,* Yuji Sumii, Takeshi Hayashi, and Motomasa Kobayashi*



Cortistatin A Anti-Angiogenesis Marine Sponge Intramolecular Heck Reaction 7-endo Cyclization

1553 Synthesis and Biological Evaluation of a Novel Series of 1,3-Dicoumarinyl-5-aryl-2-pyrazolines

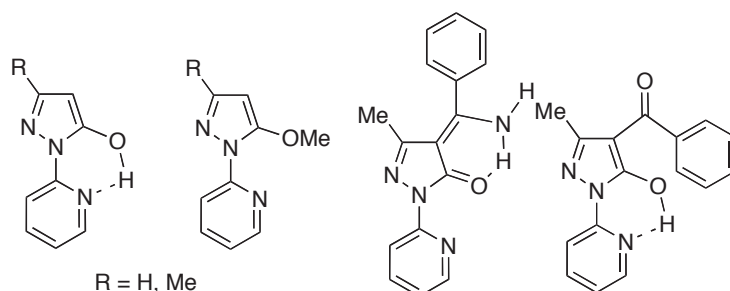
Milan Čačić,* Maja Molnar, and Ivica Strelec



Coumarin Chalcone 2-Pyrazoline Antioxidant Activity

1567 Reactions and Tautomeric Behavior of 1-(2-Pyridinyl)-1H-pyrazol-5-ols

Peter Pfaffenhuemer, Christian Laggner, Stefan Deibl, Barbara Datterl, and Wolfgang Holzer*

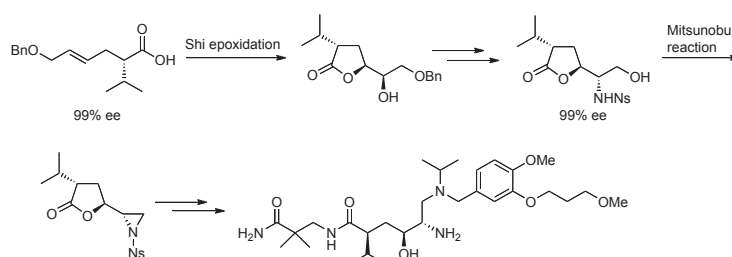


R = H, Me

Pyrazolone Tautomerism Hydrogen Bonding Condensation ¹⁵N NMR Spectroscopy

1587 Efficient Synthesis of 5-Amino-6-dialkylamino-4-hydroxypentanamide Derivatives for Renin Inhibitors

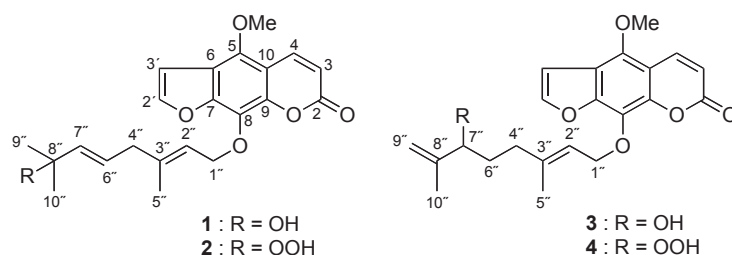
Yuji Nakamura,* Yasuyuki Ogawa, Chie Suzuki, Teppei Fujimoto, Shojiro Miyazaki, Kazuhiko Tamaki, Takahide Nishi, and Hiroshi Suemune



Asymmetric Synthesis Aziridine Epoxidation Renin Ring Opening

1603 New Furanocoumarins from the Fruits of *Melicope triphylla*

Ken-ichi Nakashima, Masayoshi Oyama,* Tetsuro Ito, Hiroko Murata, and Munekazu Iinuma

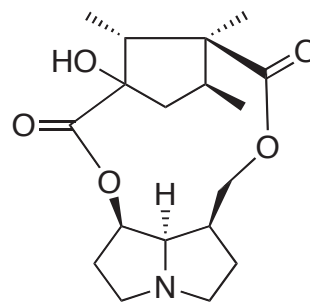


Rutaceae Hydroperoxy Group Polymethoxyflavonoid Chemodiversity

■ SHORT PAPERS

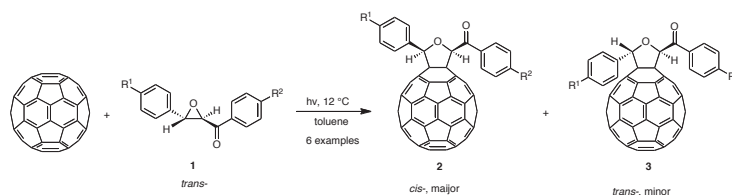
1611 A Novel Pyrrolizidine Alkaloid from *Ligularia lankongensis*

Aimin Tan,* Mian Zhang, Zhengtao Wang, and Hua Zhang


 Lankongensisine *Ligularia lankongensis* Pyrrolizidine Alkaloid Isolation Natural Compound

1615 Reaction of [60]Fullerene with Epoxides under Photoirradiation: Synthesis of C₆₀-Fused Tetrahydrofuran Derivatives

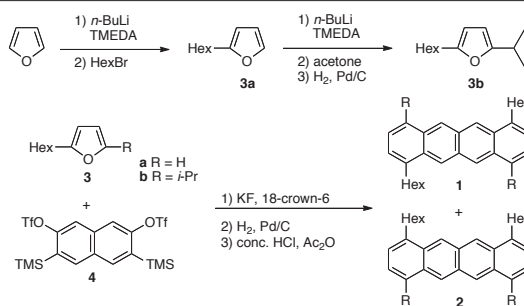
Chun-Bao Miao,* Zong-Yong Tian, Xiao-Jiao Ruan, Xiao-Qiang Sun, and Hai-Tao Yang*



Fullerene Epoxide Photoreaction Cycloaddition Tetrahydrofuran

1621 Synthesis and Properties of *anti*/*syn*-Regioisomeric Mixtures of Alkyl-Substituted Tetracenes

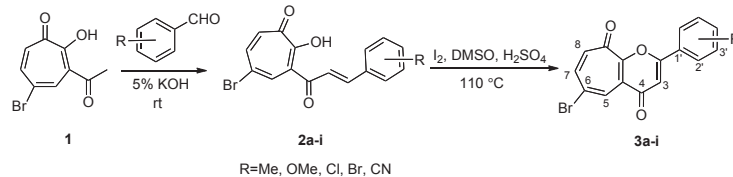
Chitoshi Kitamura,* Hiroyuki Kano, Hideki Tsukuda, Takeshi Kawase, Takashi Kobayashi, and Hiroyoshi Naito



Furan Aryne Diels-Alder Reaction Tetracene Alkyl Side Chain

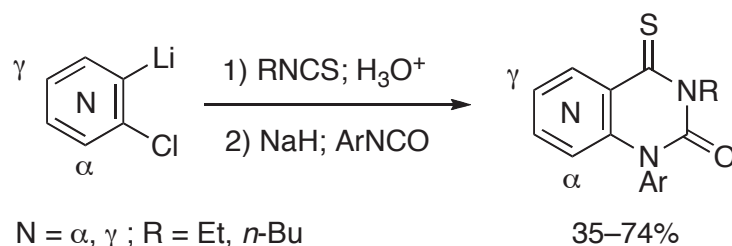
1631 A Facile Synthesis of New Troponoid-Bearing Flavonoid-Like Compounds

Mingqin Chang, Yang Li, and Wentao Gao*


 Flavonoid-Like Troponoid Claisen-Schmidt Condensation Oxidative Cyclization I₂ / DMSO / H₂SO₄ System

1641 A Convenient Synthesis of 1,3-Disubstituted 4-Thioxo-3,4-dihydropyrido[2,3-*d*]pyrimidin-2(1*H*)-ones and 4-Thioxo-3,4-dihydropyrido[4,3-*d*]pyrimidin-2(1*H*)-ones

Kazuhiro Kobayashi,* Toshihide Komatsu, Yuki Yokoi, and Hisatoshi Konishi

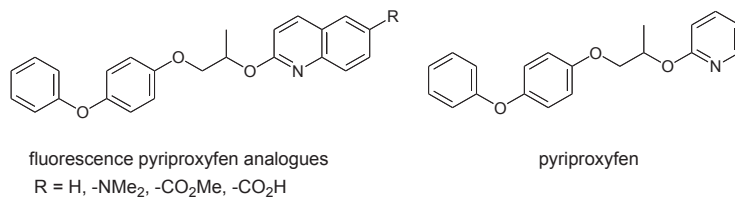

 N = α , γ ; R = Et, *n*-Bu

35–74%

 4-Thioxo-3,4-dihydropyrido[2,3-*d*] and [4,3-*d*]pyrimidin-2(1*H*)-ones Chlorolithiopyridine Isothiocyanate Isocyanate

1649 Synthesis of Fluorescence Pyriproxyfen Analogues as Juvenile Hormone Agonists

Hideki Abe, Akimi Sato, Shin-ichi Tokishita, Toshihiro Ohta, and Hisanaka Ito*



Pyriproxyfen Juvenile Hormone Agonist Fluorescence Analogue Quinoline Nucleophilic Aromatic Substitution Reaction

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1659 Polyketides
- 1660 Aromatics
- 1674 Terpenes
- 1693 Steroids
- 1694 Alkaloids
- 1702 Miscellaneous

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1705 Polyketides
- 1711 Aromatics
- 1714 Terpenes
- 1715 Steroid
- 1716 Alkaloids
- 1725 Miscellaneous

Contributors To This Issue

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|------|----------------------|------|-----------------|
| 1649 | Abe, Hideki | 1611 | Zhang, Hua |
| 1553 | Čačić, Milan | 1527 | Zhang, Jiaqiang |
| 1631 | Chang, Mingqin | 1527 | Zhang, Ligong |
| 1567 | Datterl, Barbara | 1611 | Zhang, Mian |
| 1567 | Deibl, Stefan | | |
| 1489 | Dolzhenko, Anton V. | | |
| 1587 | Fujimoto, Teppei | | |
| 1631 | Gao, Wentao | | |
| 1535 | Hayashi, Takeshi | | |
| 1567 | Holzer, Wolfgang | | |
| 1603 | Iinuma, Munekazu | | |
| 1649 | Ito, Hisanaka | | |
| 1603 | Ito, Tetsuro | | |
| 1527 | Jia, Chunyang | | |
| 1621 | Kano, Hiroyuki | | |
| 1621 | Kawase, Takeshi | | |
| 1621 | Kitamura, Chitoshi | | |
| 1641 | Kobayashi, Kazuhiro | | |
| 1535 | Kobayashi, Motomasa | | |
| 1621 | Kobayashi, Takashi | | |
| 1641 | Komatsu, Toshihide | | |
| 1641 | Konishi, Hisatoshi | | |
| 1535 | Kotoku, Naoyuki | | |
| 1567 | Laggner, Christian | | |
| 1631 | Li, Yang | | |
| 1615 | Miao, Chun-Bao | | |
| 1587 | Miyazaki, Shojiro | | |
| 1435 | Moderhack, Dietrich | | |
| 1553 | Molnar, Maja | | |
| 1603 | Murata, Hiroko | | |
| 1621 | Naito, Hiroyoshi | | |
| 1587 | Nakamura, Yuji | | |
| 1603 | Nakashima, Ken-ichi | | |
| 1587 | Nishi, Takahide | | |
| 1587 | Ogawa, Yasuyuki | | |
| 1649 | Ohta, Toshihiro | | |
| 1603 | Oyama, Masayoshi | | |
| 1567 | Pfaffenuemer, Peter | | |
| 1615 | Ruan, Xiao-Jiao | | |
| 1649 | Sato, Akimi | | |
| 1553 | Strelec, Ivica | | |
| 1587 | Suemune, Hiroshi | | |
| 1535 | Sumii, Yuji | | |
| 1615 | Sun, Xiao-Qiang | | |
| 1587 | Suzuki, Chie | | |
| 1587 | Tamaki, Kazuhiko | | |
| 1611 | Tan, Aimin | | |
| 1615 | Tian, Zong-Yong | | |
| 1649 | Tokishita, Shin-ichi | | |
| 1621 | Tsukuda, Hideki | | |
| 1611 | Wang, Zhengtao | | |
| 1615 | Yang, Hai-Tao | | |
| 1527 | Yao, Xiaojun | | |
| 1641 | Yokoi, Yuki | | |