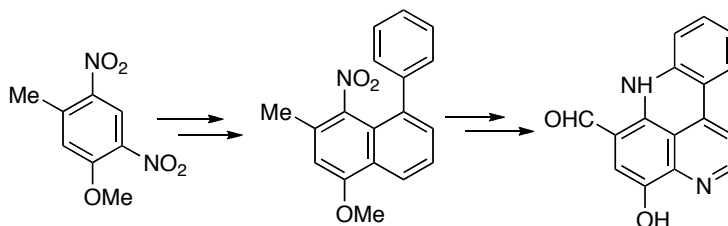


■ COMMUNICATIONS

2017 **Total Synthesis of Styelsamine C, a Cytotoxic Fused Tetracyclic Alkaloid**

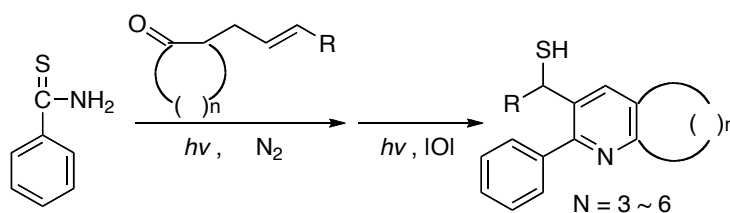
Akinori Kubo and Shinsuke Nakahara*



Quinoline Alkaloid Cytotoxicity Biaryl Cross-Coupling Intramolecular Nitrene Insertion

2019 **Intermolecular Photoaddition Reaction of Benzene-carbothioamide with γ,δ -Unsaturated Ketones: A Novel Formation of Cycloalkane-fused Pyridine Derivatives by Photoinduced Reaction**

Minoru Machida, Naozumi Nishizono, Michiko Haneda, Rikiji Nakagami, and Kazuaki Oda*

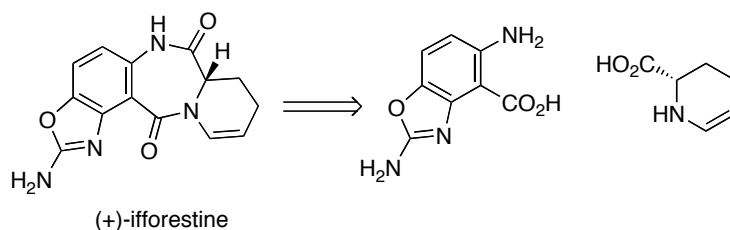


Photoreaction Benzenecarbothioamide Cycloalkane-fused Pyridine Thietane Unsaturated Ketone

■ PAPERS

2023 **Approach to the Synthesis of (+)-Ifforestine. Model Studies Directed at the Tetracyclic Framework**

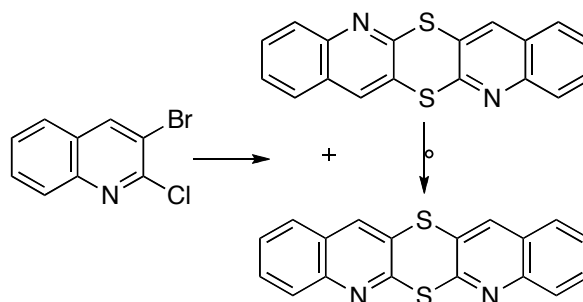
Kim A. Dastlik and Gregory H. P. Roos*



Cyclocondensation Natural Product Diazepinedione

2045 **Synthesis and X-Ray Analysis of Isomeric Diazadithiapentacenes**

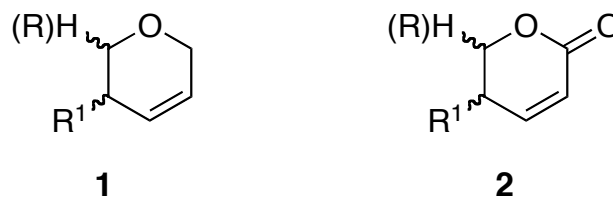
Theo Siegrist, Christian Kloc, Malgorzata Nowak, and Krystian Pluta*



Diazadithiapentacene Dithiinodiquinoline Quinolinyl Sulfide Smiles Rearrangement X-Ray Analysis

2057 Enantioselective Synthesis of Mono- and Disubstituted 3,6-Dihydro-2*H*-pyrans and 5,6-Dihydropyran-2-ones

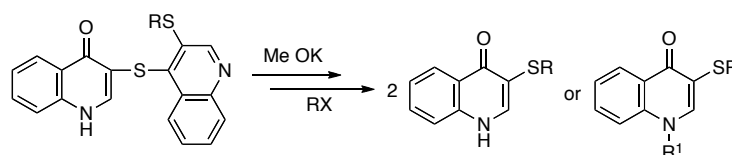
Francesco De Riccardis, Maria Squitieri,
Carmela Della Monica, Pasquale Del Gaudio,
and Irene Izzo*



Asymmetric Synthesis Chiral Building Block Ring-closing Metathesis

TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS
2065 1*H*- and 1-Alkyl-1,4-dihydro-4-oxo-3-alkylthioquinolines from 1,4-Dihydro-4-oxo-3'-alkylthio-3,4'-diquinolinyl Sulfides

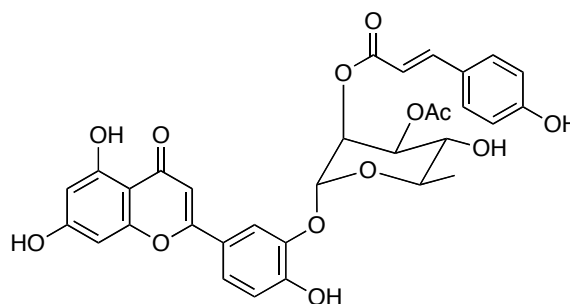
Elwira Chrobak, Ewa Bebenek, and Andrzej Maślankiewicz*



4(1*H*)-Quinolinone Quinolinyl Sulfide Nucleophilic Heteroaromatic Substitution 4-Methoxyquinoline *O*-Demethylation KOMe

2077 New Luteolin 3'-*O*-Acylated Rhamnosides from Leaves of *Bursera graveolens*

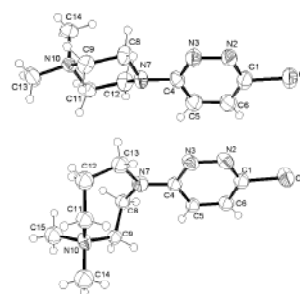
Miguel Angel Perez Farrea, Munekazu Inuma, Jin Murata,
Makoto Ubukata, Nobuyasu Matsuura, Akira Inada,
Hiroko Murata, Hideyuki Fukatsu, Takeshi Yamada,
Satomi Arai, Yuka Inatomi, Tsutomu Nakanishi, and
Toshiyuki Tanaka*



Bursera graveolens Burseraceae Luteolin Rhamnoside Flavonol Glycoside Maillard Reaction

2085 Structural and Conformational Studies of 3-(6-Chloropyridazin-3-yl)-*N,N*-dimethylpiperazinium iodide and 3-(6-Chloropyridazin-3-yl)-*N,N*-dimethylhomopiperazinium iodide with Central Nicotinic Action

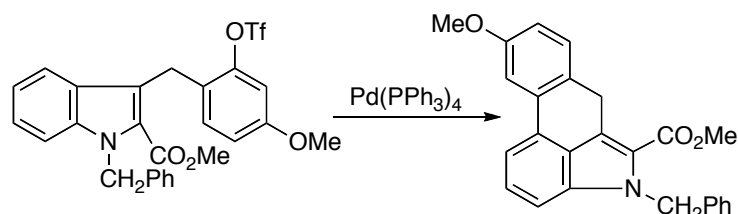
Fiorella Meneghetti, Roberto Artali, and Gabriella Bombieri*



Nicotinic Agonist X-Ray Structure Conformation Modelling SAR

2095 Synthesis of Naphth[3,2,1-*cd*]indole by Heck Cyclization of 2-Methoxycarbonyl-3-benzoylindoles

Hana Matsukida, Yoshiyuki Aoki, Mikito Asai,
Hideaki Shirokoshi, and Yasuyoshi Miki*



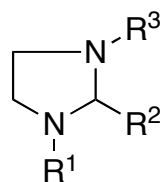
Naphth[3,2,1-*cd*]indole Indole-2,3-dicarboxylic Anhydride Friedel-Crafts Reaction Cyclization Heck Reaction

■ NOTES

2103 Spectroscopic Analysis of Imidazolidines. Part IV:

¹³C-NMR Spectroscopy

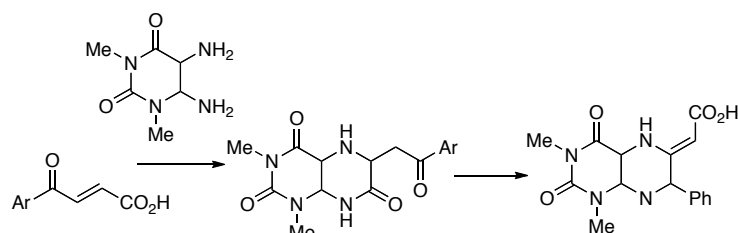
Alejandra Salerno, Graciela Buldain, and Isabel A. Perillo*



Imidazolidine Conformational Analysis Heteronuclear Coupling Constant ¹³C-NMR HMQC HMBC Spectra

2115 Cyclocondensations of β-Aroylacrylic Acids with Heterocyclic O-Diamines

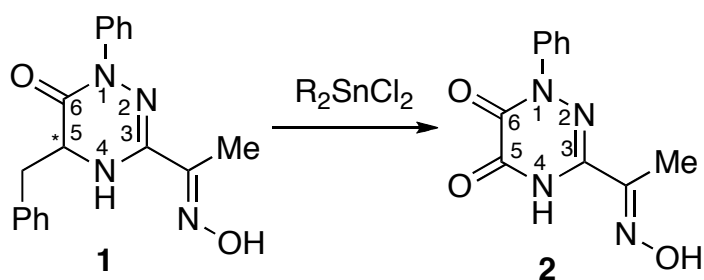
Tatyana Beryozkina, Nadezhda Kolos, and Valeriy Orlov*



Addition Amino Group Rearrangement Cyclization

2123 Synthesis, Spectroscopic Studies, and Crystal Structure of 3-(1-Hydroxyiminoethyl)-1-phenyl-4-hydro-1,2,4-triazine-5,6-dione Methanol Solvate

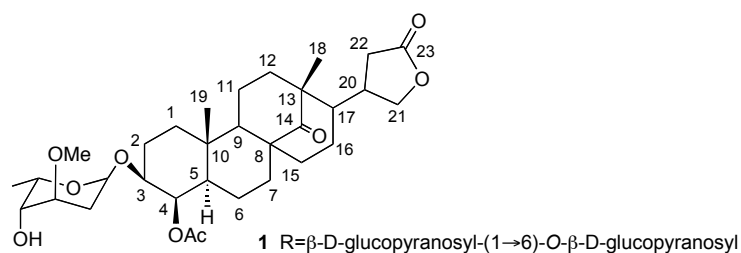
Frank Weller, Ahmad S. Abushamleh, and Abdel-Fattah Shihada*



1,2,4-Triazine-5,6-dione Oxime Oxidation R₂SnCl₂ Catalytic Effect

2133 New Steroidal Glycosides from *Parepigynum funingense*

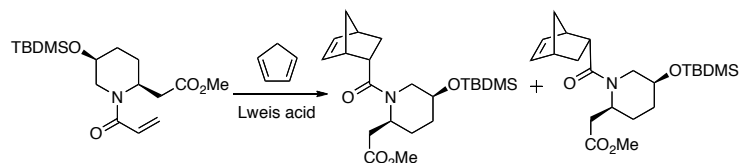
Hui Min Zhong, Yan Hua, and Chang-Xiang Chen*



Apocynaceae Chemical Constituent Steroidal Glycoside Isolation Structural Elucidation

2141 Metal Chelations in Asymmetric Diels-Alder Reaction

Min-Ho Chang, Chan-Kook Chu, and Kyoo-Hyun Chung*

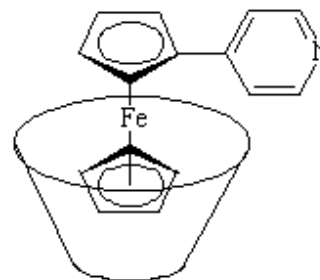


Asymmetric Reaction Diels-Alder Reaction Metal Chelation Diastereoselectivity 3-Hydroxypiperidine

■ REVIEW

2147 Metallocyclodextrins and Related Species

Tomasz Girek and Wanda Sliwa*



Complex Cyclodextrin Ligand Metal Ion Nanoparticle

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2185 Polyketides
- 2191 Aromatics
- 2194 Terpenes
- 2196 Alkaloids
- 2206 Miscellaneous