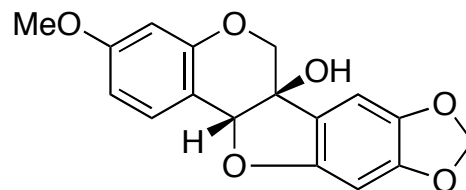


■ COMMUNICATIONS

267 Isolation and Identification of an Allelochemical Exuded from Germinating Pea (*Pisum sativum*) Seeds

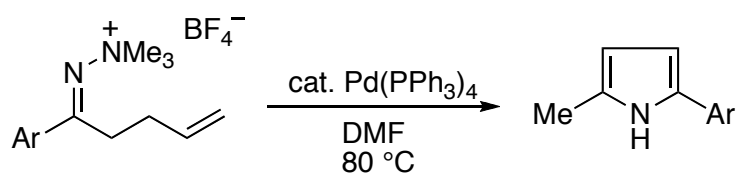
Keiko Higashinakasu, Kosumi Yamada,* Hideyuki Shigemori, and Koji Hasegawa



Allelopathy Pea Pisatin Seed Exudate Seed Germination

273 Palladium(0)-catalyzed Amino-Heck Reaction of γ,δ -Unsaturated Ketone *N,N,N*-Trimethylhydrazone Salts

Mitsuru Kitamura, Hideyuki Yanagisawa, Motoki Yamane, and Koichi Narasaka*

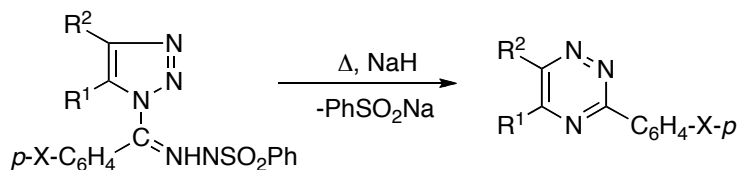


Pyrrole Palladium Hydrazone Hydrazone Salt

■ PAPERS

279 Base-induced Generation of Aryl(1,2,3-triazol-1-yl)-carbenes from 1-[(*N*-Phenylsulfonyl)benzohydrazonyl]-1,2,3-triazoles and Their Ring Enlargement to 3-Aryl-1,2,4-triazines

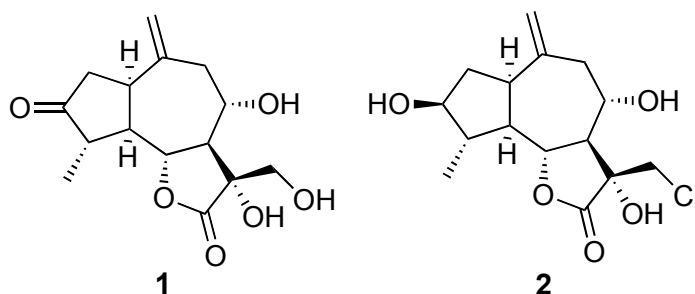
Yuumo Tanaka,* Shuji Oda, Suketaka Ito, and Akikazu Kakehi



Cycloaddition Carbene Bamford-Stevens Reaction 1,2,3-Triazole 1,2,4-Triazine

287 The Sesquiterpenoids from *Cynara scolymus*

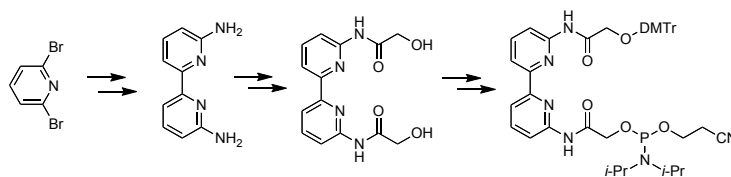
Xiaoli Li, Pingli Qian, Zeyuan Liu, Yu Zhao, Gang Xu, Deding Tao, Qin-Shi Zhao,* and Handong Sun



Sesquiterpene Lactone Cynarinin A Cynarinin B Cytotoxicity

293 Synthesis of the Amidite Reagent to Built Bipyridine Units into DNA Backbone

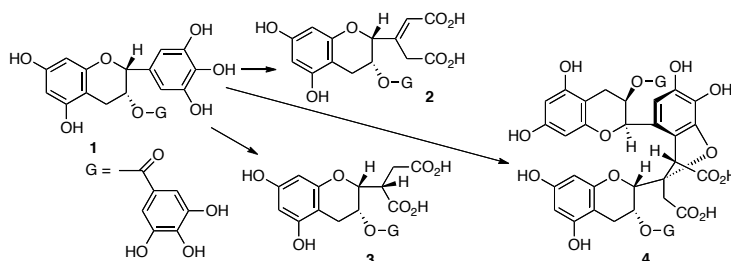
Toshihiro Ihara,* Yoshinori Shirasaka, Yoshinobu Sato, Yusuke Kitamura, Kenji Okada, Masato Tazaki, and Akinori Jyo



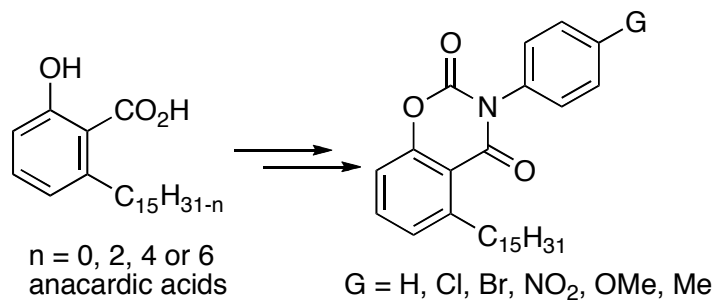
Metal Ion Conformational Modulator DNA Conjugate Loop Engineering Hybridization

303 The Structural Variation in the Incubation Products of (-)-Epigallocatechin Gallate in Neutral Solution Suggests Its Breakdown Pathways

Tsutomu Hatano,* Takayo Ohyabu, and Takashi Yoshida


 Tea Polyphenol Epigallocatechin Gallate Theasinensin A *Camellia sinensis*
311 New Application of Triphosgene in a Convenient Synthesis of 3-Aryl-1,3-benzoxazine-2,4-diones from Anacardic Acids

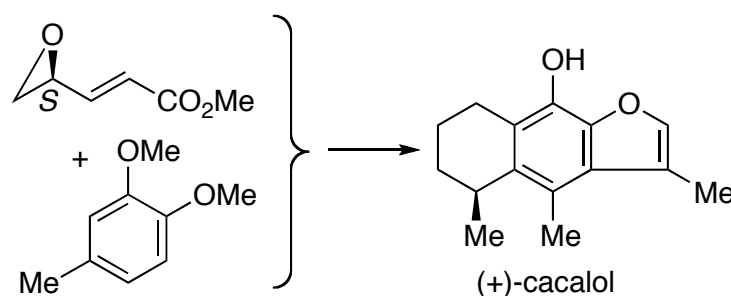
Inês Sabioni Resck,* Maria Lucilia dos Santos, and Luiz Antonio Soares Romeiro



Triphosgene CNSL Phenolic Lipid Bis(trichloromethyl) Carbonate Benzoxazine

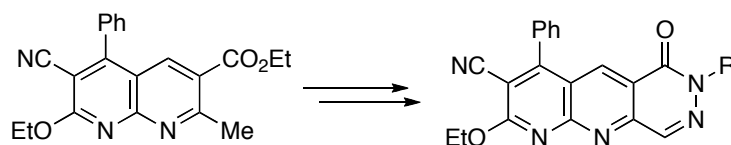
319 The First Synthesis of (S)-(+)-Cacalol

Shin Tanikawa, Michiko Ono, and Hiroyuki Akita*



Total Synthesis Stereoselectivity Furotetralin Ring Intramolecular Friedel-Crafts Reaction

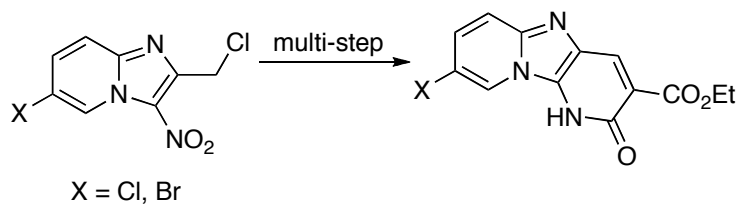
329 A Synthetic Route To Pyridazino[4,5-*b*]-1,8-naphthyridines, a New Tetraazaheterocyclic System

 Juan Vilar, Carlos Peinador, and José M^a Quintela*


Pyridazinonaphthyridine Polycondensed Nitrogen Heterocycle Tetraazaheterocyclic Compound Naphthyridine Pyridazine

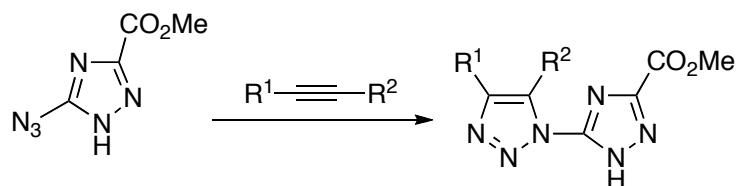
337 Efficient Synthesis of New Potentially Bioactive Tricyclic Pyridinones

Caroline Castera, Maxime D. Crozet, Michel P. Crozet, and Patrice Vanelle*


 Pyridinone Imidazo[1,2-*a*]pyridine Electron Transfer Reaction One-Pot Reduction-Cyclization

■ NOTES
345 Synthesis of Bitriazolyl Compounds *via* Huisgen Reaction

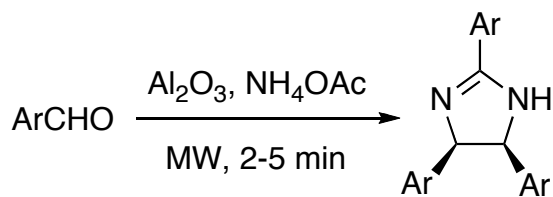
Qiongyou Wu, Wei Li, Fanqi Qu, Yi Xia, and Ling Peng*



Huisgen Reaction Triazole Bitriazolyl Compound Copper(I)-Assistant Huisgen Reaction

353 Alumina-Ammonium Acetate as an Efficient Reagent for the One-Pot Synthesis of *cis*-2,4,5-Triarylimidazolines from Aromatic Aldehydes

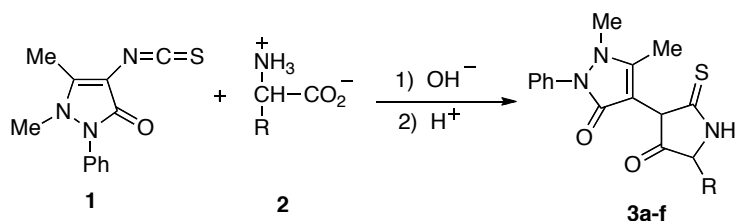
Fariba Saadati and Babak Kaboudin*



Imidazoline Aldehyde Microwave-assisted Reaction Solvent-free Ammonium Acetate

359 Synthesis and Characterization of a New Series of 3-(4-Antipyrinyl)-2-thiohydantoin Derivatives

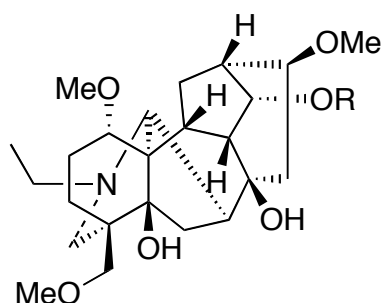
Peng-Zhi Zheng, Chun-Ming Ma, and Jian-Ping Li*



3-(4-Antipyrinyl)-2-thiohydantoin 4-Antipyrinyl Isothiocyanate Synthesis

365 Structural Revision of Hemsleyadine and New Alkaloids Hemsleyanines A, B from *Aconitum hemsleyanum* var. *circinacum*

Feng Gao and Feng-Peng Wang*



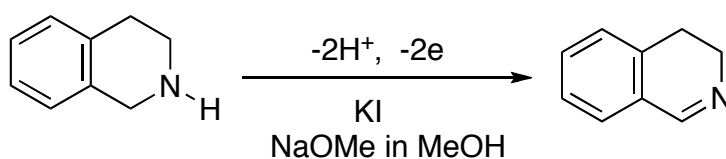
3 R = CO-C₆H₄-OMe (*p*)
6 R = CO-C₆H₄-OH (*p*)
7 R = H

 Ranunculaceae *Aconitum hemsleyanum* var. *circinacum* C₁₉-Diterpenoid Alkaloid Hemsleyanine A Hemsleyanine B

371 Electrochemical Dehydrogenation of 1,2,3,4-Tetrahydroisoquinoline to 3,4-Dihydroisoquinoline

Gaku Sasaki, Kaori Numata, Yukio Takahashi, and Mitsuhiro Okimoto*

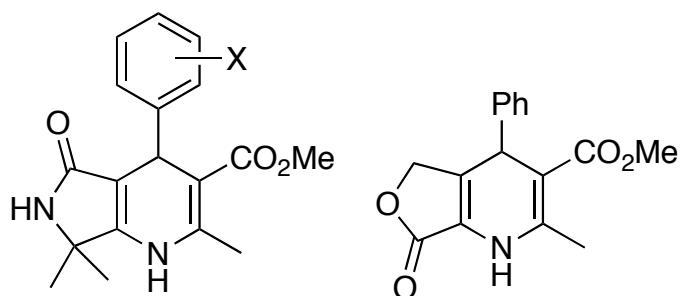
electrochemical dehydrogenation



Amine Imine Dehydrogenation Electrooxidation Electron Carrier

377 Syntheses of Pyrrolo- and Furo-1,4-dihydropyridine Derivatives

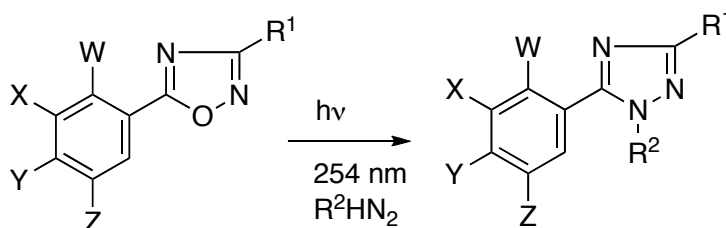
Fumie Kuroi, Takahiko Arase, Sachiko Ueno, Tatsuko Takagi, Masami Adachi, and Keizo Matsuo*



Conjugate Addition Furodihydropyridine Pyrrolo-dihydropyridine

387 Fluorinated Heterocyclic Compounds. A Photochemical Approach to a Synthesis of Polyfluoroaryl-1,2,4-triazoles

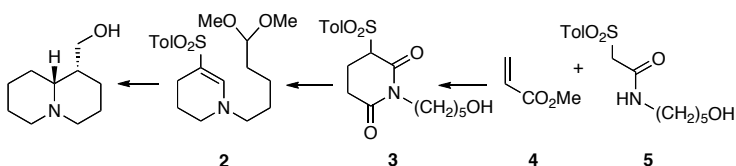
Nicolò Vivona, Ivana Pibiri, Antonio Palumbo Piccionello, Andrea Pace, and Silvestre Buscemi*



1,2,4-Oxadiazole Photochemistry Fluoro Heterocycle 1,2,4-Triazole

395 Synthesis of Lupinine

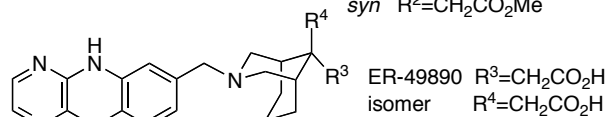
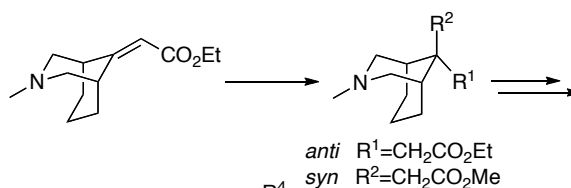
Nein-Chen Chang, Ching-Han Lin, Huo-Mu Tai, and Meng-Yang Chang*



Lupinine Quinolizidine Glutarimide Formal [3+3] Cycloaddition Acid-catalyzed Cyclization

403 Practical Syntheses of the Adhesion Molecule Inhibitor ER-49890 and Its Stereoisomer

Kazuo Okano, Yuki Komatsu, Richard S. J. Clark, Fumihiko Ozaki, and Toshihiko Kaneko*



(3-Azabicyclo[3.3.1]non-9-yl)acetate

Anti Selective Hydrogenation

Crystallization

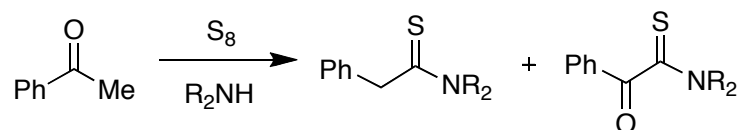
10*H*-Pyrazino[3,2-*b*][1,4]benzothiazine

ICAM-1

■ REVIEWS

411 Some Aspects of the Willgerdt-Kindler Reaction and Connected Reactions

Giovanni Purrello*



Willgerdt-Kindler Reaction

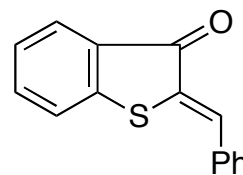
Sulfur

Amine

Cyclization

451 Synthesis and Reactivity of Thioaurones over the Past One Hundred Years

Wojciech Konieczny and Marek T. Konieczny*



Thioaurone

Benzo[*b*]thiophen-3-one

Synthesis

Reactivity

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 465 Polyketides
 - 473 Aromatics
 - 480 Terpenes
 - 495 Steroids
 - 496 Alkaloids
 - 514 Miscellaneous
-