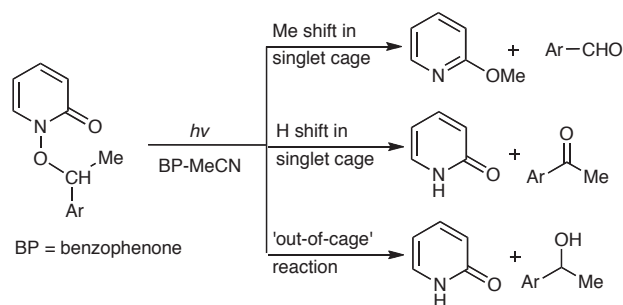


■ COMMUNICATIONS

2431 Mechanism of the Triplet-Sensitized Photolysis of 1-[1-(1-Naphthyl)ethoxy]-2-pyridone and Related Derivatives

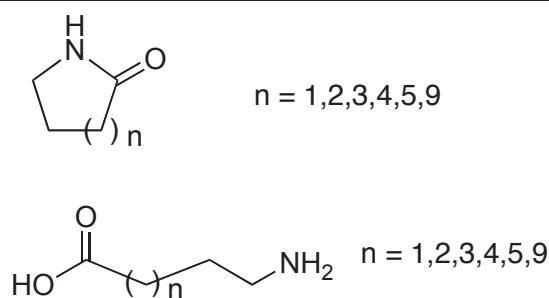
Asako Watanabe, Maya Matsushita, Aya Masuda, Tetsutaro Igarashi, and Tadamitsu Sakurai*



1-Alkoxy-2-pyridone Sensitized Photolysis Radical Pair Substituent Effect Deuterium Isotope Effect

2439 Structure-Activity Relationships of Natural Occurring Plant Growth-inhibiting Substance Caprolactam and Its Related Compounds

Wai Wai Thet Tin,* Hisayoshi Hayashi, Toshihiko Otomatsu, Katsutoshi Hirose, Koji Hasegawa, and Hideyuki Shigemori

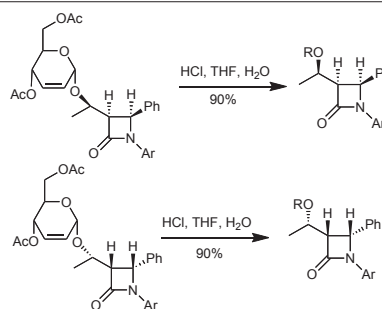


Aminocarboxylic Acid Caprolactam Growth-Inhibitory Activity Lactam Structure-Activity Relationship

■ PAPERS

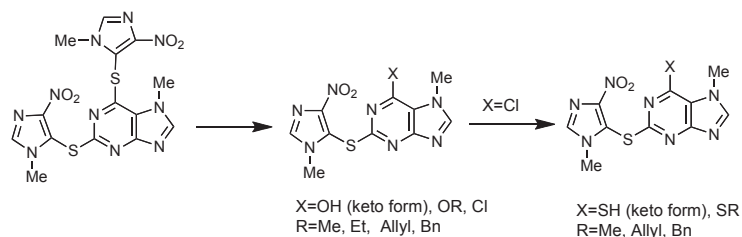
2443 A Facile Iodine-Catalyzed Glycosylation: Enantiomerically Pure β -Lactams with the Thienamycin Side Chain

Bimal K. Banik,* Oliwia Zegrocka, Maghar S. Manhas, and Ajay K. Bose


 Iodine Ferrier Rearrangement Glycosylation Thienamycin β -Lactam

2455 Synthesis of Isomeric Analogs of Azathioprine

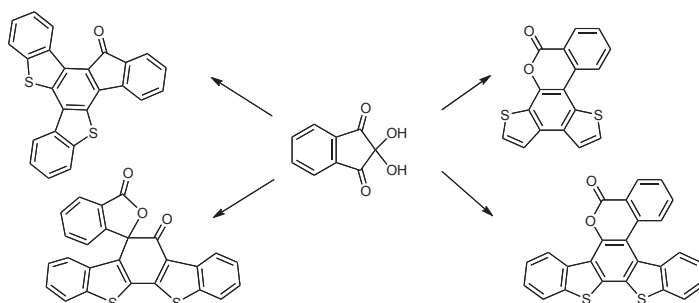
Alicja Kowalska,* Krystian Pluta, and Kinga Suwińska



Azathioprine Diimidazolylthiopurine Imidazolylthiopurine Chloroimidazolylthiopurine Dithiopurine

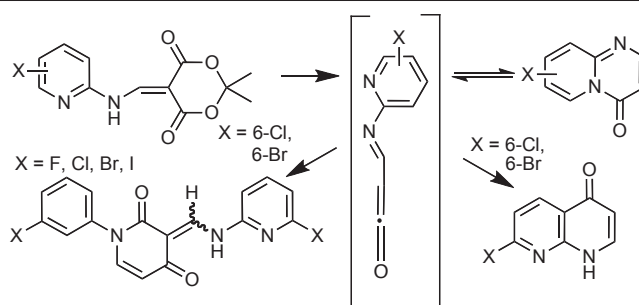
2467 Reactions of Ninhydrin with Benzo[*b*]thiophenes

Nono Suzue, Rie Ishii, Ryo Kamiya, Hidetsugu Wakabayashi, and Keiji Kobayashi*


 Ninhydrin Benzo[*b*]thiophene Thiophene Condensation Spirolactone Isocoumarin Derivative

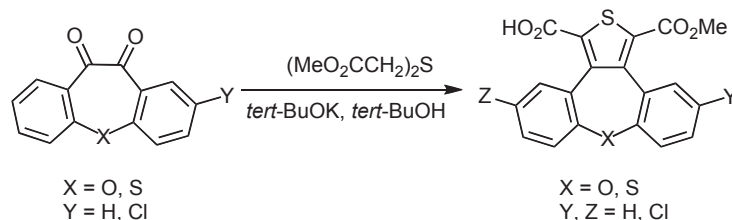
2477 Synthesis of Halogenated 4*H*-Pyrido[1,2-*a*]pyrimidin-4-ones

Annamária Molnár, Ferenc Faigl, Benjamin Podányi, Zoltán Finta, László Balázs, and István Hermezcz*


 Thermal Cyclization 4*H*-Pyrido[1,2-*a*]pyrimidin-4-one 1,4-Dihydro-1,8-naphthyridin-4-one [4+2] Cycloaddition Tetrahydropyridine-2,4-dione

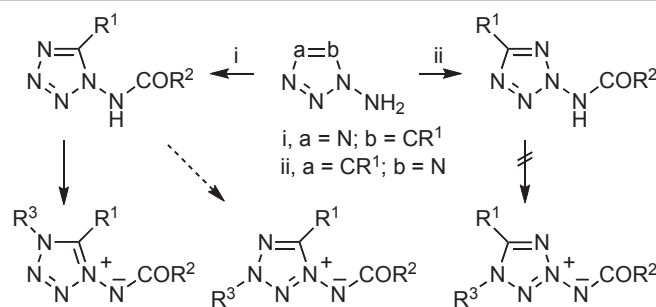
2489 2,8-Dithia-dibenzo[*e,h*]azulenes and Their 8-Oxa Analogs. Synthesis and Anti-inflammatory Activity

Ivana Ozimec Landek,* Dijana Pešić, Predrag Novak, Barbara Stanić, Krunoslav Nujić, Mladen Merčep, and Milan Mesić


 2-Thiadibenzo[*e,h*]azulene Hinsberg Cyclization Aminoalkoxy Chain NMR Structure Elucidation Anti-inflammatory Activity

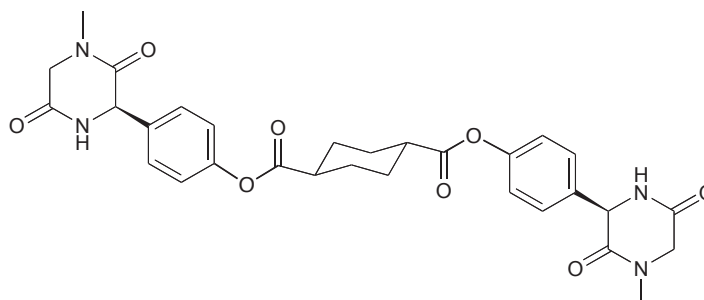
2509 Tetrazolium *N*-Aminides: Complementary Studies on Synthesis and Properties

Dietrich Moderhack* and Matthias Noreiks


N-Aminotetrazole *N*-Amidotetrazole Tetrazolium *N*-Aminide *N*-Amidotetrazolium Salt Acylation

2523 Synthesis of Novel Diketopiperazine Derivative and Observation of Self-assembled Structure

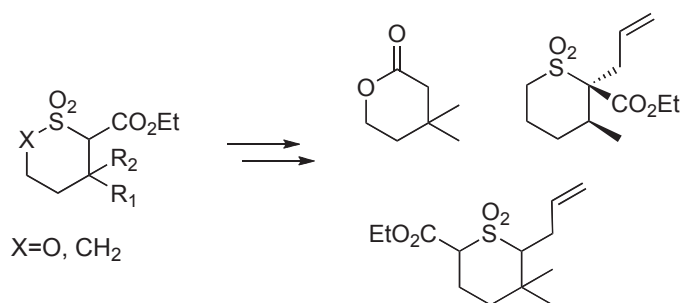
Yosuke Ohta, Kayo Terada, Toshio Masuda, and Fumio Sanda*



Atomic Force Microscope Diketopiperazine Hydrogen Bonding Molecular Modeling Self Assemble

2531 Synthetically Useful Transformations of δ -Sultones and Thiane-1,1-dioxides Obtained by C-H Insertion

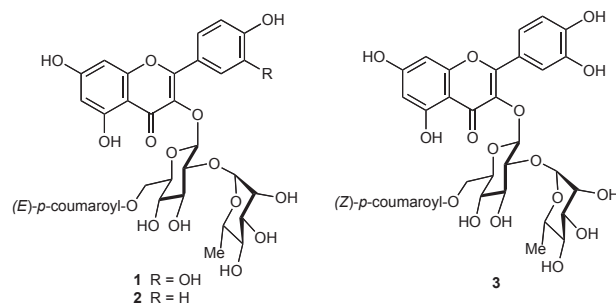
Christian S. Jungong, Jinu P. John, Joseph P. Bequette, and Alexei V. Novikov*



δ -Sultone δ -Latone Thiane-1,1-dioxide Samarium(II) Iodide Alkylation

NOTES
2541 Flavonol Glycosides from the Native American Plant *Gaura longiflora*

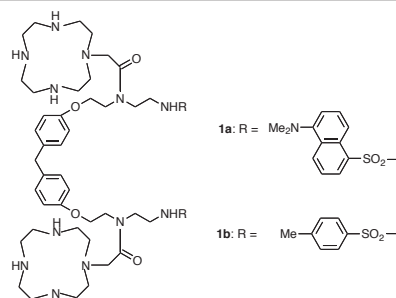
Wen-Hui Xu, Melissa R. Jacob, Ameeta K. Agarwal, Alice M. Clark, Zong-Suo Liang, and Xing-Cong Li*



Flavonol Glycoside *Gaura longiflora* Quercetin Kaempferol

2549 Synthesis of Two Novel Water-soluble Cleft-Type Cyclophanes Effective as *N*-Methyl-D-aspartate Receptor Antagonist

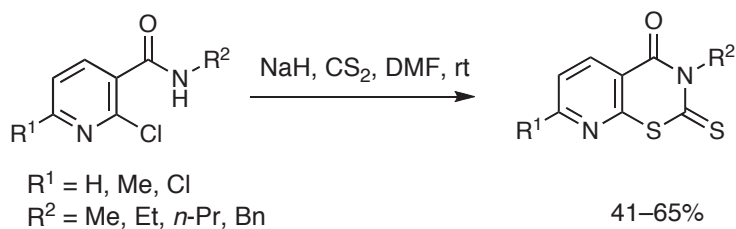
Takashi Masuko, Yuta Nemoto, Tadashi Kusama, Koichi Metori, Yasuo Kizawa, and Muneharu Miyake*



Cleft-Type Cyclophane *N*-Methyl-D-aspartate Receptor Antagonist Neuroprotective Effect Hippocampal Neuron

2559 Synthesis of 2-Thioxo-2,3-dihydropyrido[3,2-*e*]-1,3-thiazin-4-ones by the Reaction of *N*-Alkyl-2-chloropyridine-3-carboxamides with Carbon Disulfide

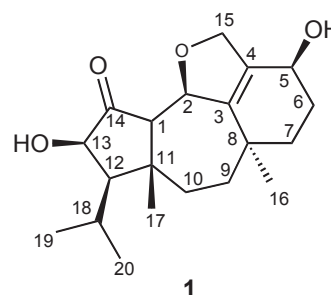
Kazuhiro Kobayashi,* Toshihide Komatsu, and Hisatoshi Konishi



2-Thioxo-2,3-dihydropyrido[3,2-*e*]-1,3-thiazin-4-one 2-Chloropyridine-3-carboxamide Carbon Disulfide Sodium Hydride Dithiocarbamate Anion

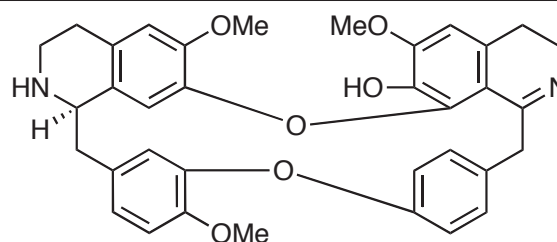
2565 A New Neodolastane Diterpene from Cultures of the Basidiomycete *Trametes corrugata*

Rong Liu and Ji-Kai Liu*


Trametes corrugata Basidiomycete Diterpene 2,5-Epoxy-5,13-dihydroxyneodolast-3-en-14-one

2571 3',4'-Dihydronorstephasubine, a New Bisbenzyl-isoquinoline from the Bark of *Alseodaphne corneri*

Mat Ropi Mukhtar,* Azeana Zahari, Mohd Azlan Nafiah, A. Hamid A. Hadi, Noel F. Thomas, Hiroko Arai, Hiroshi Morita, Marc Litaudon, and Khalijah Awang

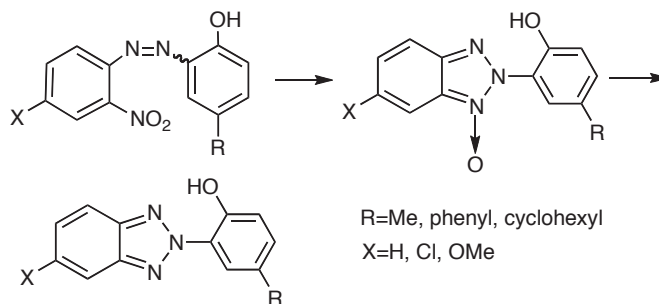


3',4'-dihydronorstephasubine

 3',4'-Dihydronorstephasubine Bisbenzylisoquinoline *Alseodaphne corneri* Vasorelaxant Activity

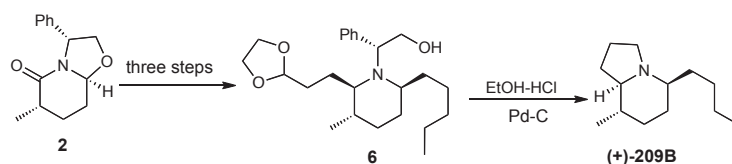
2579 One-Pot Synthesis of Benzotriazoles and Benzotriazole 1-Oxides by Reductive Cyclization of *o*-Nitrophenylazo Compounds with Benzyl Alcohol

Renata Farkas, Mercedes Törinösi, Pal Kolonits, Oscar Jimenez Alonso, and Lajos Novak*


 Benzotriazol Benzotriazol 1-Oxide *o*-Nitrophenylazo Compound Benzyl Alcohol Reductive Cyclization

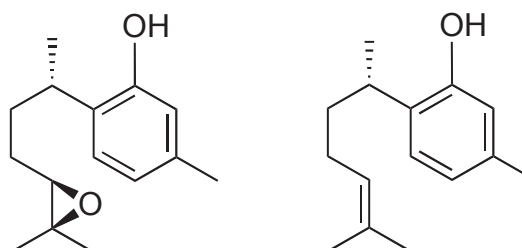
2589 A Short Synthesis of Indolizidine (+)-209B from (3*R*,6*S*,8*aS*)-(-)-6-Methyl-3-phenylhexahydro-oxazolo[3,2-*a*]pyridin-5-one**

Dino Gnecco, Ana M. Lumbreras, Joel L. Terán,* Alberto Galindo, Jorge R. Juárez, María L. Orea, Alejandro Castro, Raúl G. Enríquez, and William F. Reynolds


 Stereoselective α -Amidoalkylation Stereoselective Reduction Chiral 2,3,6-Trisubstituted Piperidine 5,8-Indolizidine Enantiospecific Synthesis

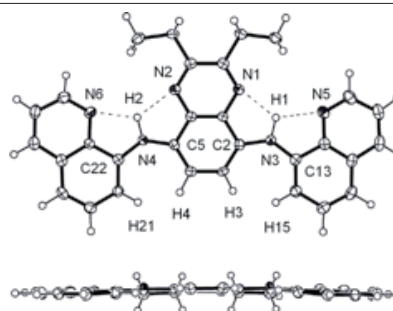
2595 Curcuphenol Derivatives from the Gorgonian *Echinomuricea* sp.

Hsu-Ming Chung, Tsong-Long Hwang, Wei-Hsien Wang,* Lee-Shing Fang, and Ping-Jyun Sung*


Echinomuricea Curcuphenol Gorgonian Superoxide Anion Elastase

2601 Crystal Structure and Intramolecular Hydrogen Bonding of a Substituted Diaminoquinoxaline

Junpei Kuwabara, Hironori Mori, and Takaki Kanbara*



Hydrogen Bonding

Planar Geometry

Quinoxaline

C-N Coupling Reaction

Crystal Structure

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2609 Polyketides
- 2613 Aromatics
- 2620 Terpenes
- 2628 Steroids
- 2629 Alkaloids
- 2639 Miscellaneous

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 2641 Polyketides
- 2646 Aromatics
- 2647 Terpenes
- 2650 Alkaloids
- 2659 Miscellaneous

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