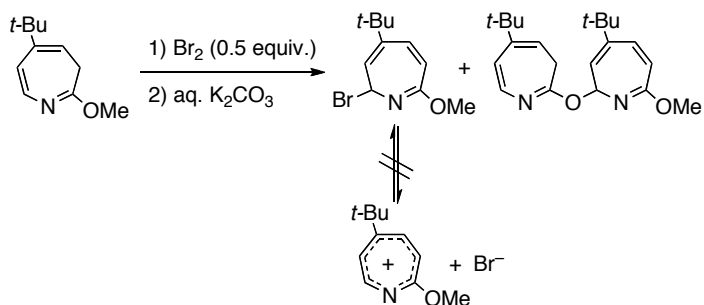


■ COMMUNICATIONS

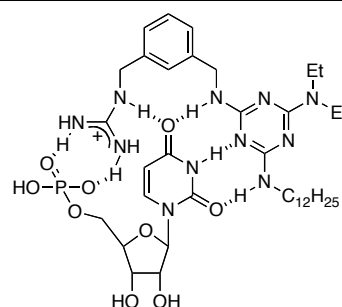
2211 Plausible Mechanism for the Formation of 2-Methoxy-2*H*-azepine Derivatives from 3*H*-Azepines Using Bromine and NBS

Masaru Kimura, Yuexian Jin, Yasuhiro Kubota, Christopher Cordonier, and Kyosuke Satake*


 2*H*-Azepine 3*H*-Azepine Azepinium Ion 1,4-Adduct of NBS Resonance Energy

2217 Recognition of Nucleotides by Melamine Derivatives Bearing a Guanidinium Ion through Hydrogen Bondings

Shin-ichi Kondo, Yuichi Sakuno, Shigeki Watanabe, and Yumihiko Yano*

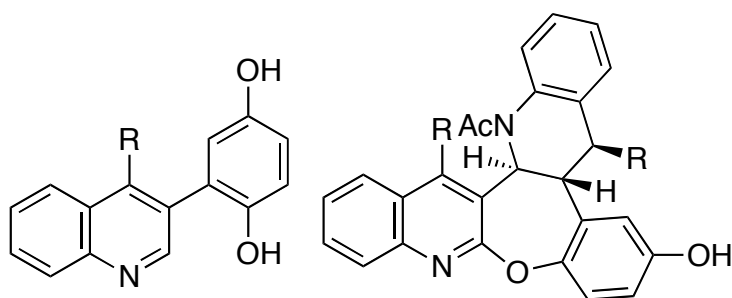


Artificial Receptor Nucleotide Carrier H-Bonded Complex Extractability Melamine-Guanidinium

■ PAPERS

2223 3-Hydroquinolylyquinolines and Bisquinolyly-annelated Oxepin as Unexpected Products from the Reaction of *p*-Benzoquinone and *N*-Acetyl-1,4-dihydroquinolines

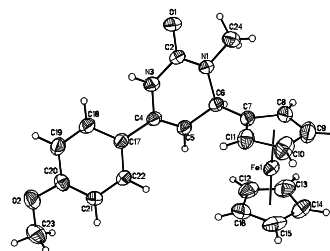
Burkhardt Voigt and Andreas Hilgeroth*



Michael Adduct 1,4-Dihydroquinoline 3-Hydroquinolylyquinoline Oxepin Stereochemistry

2231 Synthesis of Ferrocenyl-3,4-dihydro-1*H*-pyrimidin-2-ones

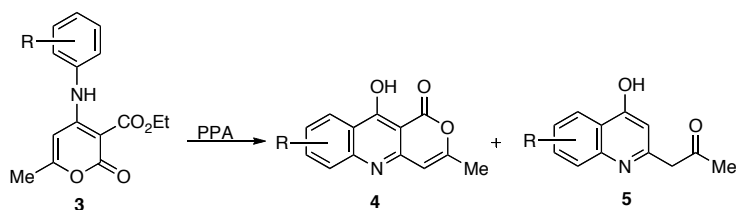
Marcos G. Martínez, Simón O. Hernández, Elena I. Klimova, and Tatiana B. Klimova*



Ferrocene Chalcone Pyrimidinone

2241 Synthesis of 10-Hydroxy-3-methyl-1*H*-pyrano[4,3-*b*]-quinoline Derivatives

Atsuko Sato, Mieko Morone, and Yutaka Azuma*

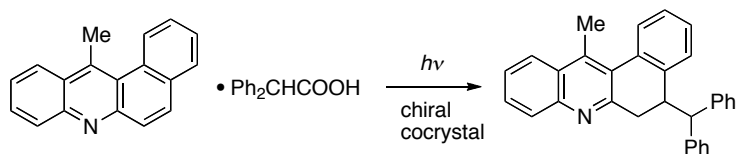


a: R = H; b: R = *m*-Me; c: R = *o*-Me;
d: R = *p*-Me; e: R = *p*-Cl

4-Chloro-3-ethoxycarbonyl-2-pyrone Amination Pyrolysis Ring Formation Position Isomer

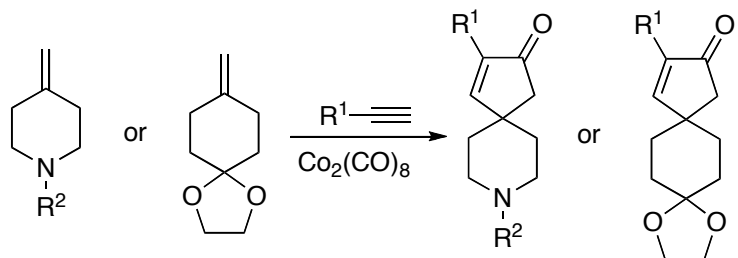
2251 Photoreaction of 9-Methylbenz[*c*]acridine with Diphenylacetic Acid in the Chiral Cocystal

Haitao Yu, Masaki Nagano, Ayaka Nakata, and Hideko Koshima*


 Photoreaction Chiral Cocystal Photodecarboxylation 9-Methylbenz[*c*]acridine Diphenylacetic Acid

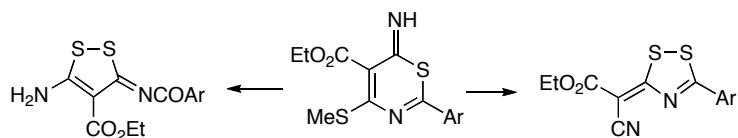
2259 Investigation of the Intermolecular Pauson-Khand Reaction of Various 1-Alkynes with Cyclic *exo*-methylene Compounds

Hiroshi Hara, Kiyoshi Nishitani, Osamu Hoshino, Yuka Niimi, Yasuhiro Kasama, Mieko Zyo, and Miyuki Ishizaki*


 Pauson-Khand Reaction *exo*-Cyclic Enyne Spirobicyclic Compound Cyclopentenone Derivative

2273 Ring Transformation Reactions Starting from 6-Imino-6*H*-1,3-thiazines

Detlef Briel*

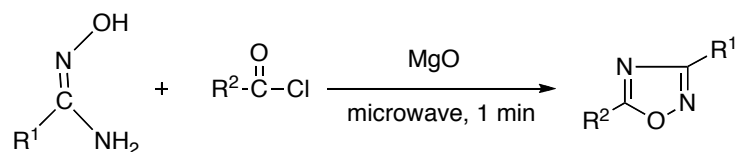


Nucleophilic Ring Cleavage 1,2-Dithiole 1,2,4-Dithiazole 1,3-Benzoxazine 3,4-Dihydro-4-thioxopyrimidine

■ NOTES

2287 One-Pot Synthesis of 1,2,4-Oxadiazoles Mediated by Microwave Irradiation under Solvent-Free Condition

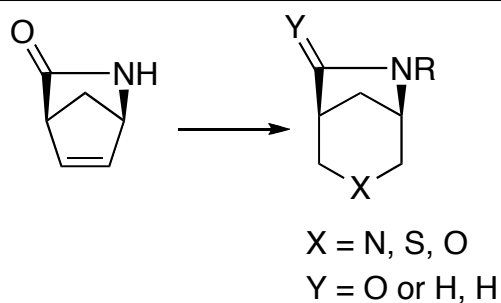
Kian Navaee and Babak Kaboudin*



1,2,4-Oxadiazole Magnesium Oxide Microwave-assisted Reaction Solvent-Free Amidoxime

2293 Synthesis of Rigid Bicycloheterocyclic Scaffolds from Vince's Lactam (Enzymatic Resolution of Vince's Lactam)

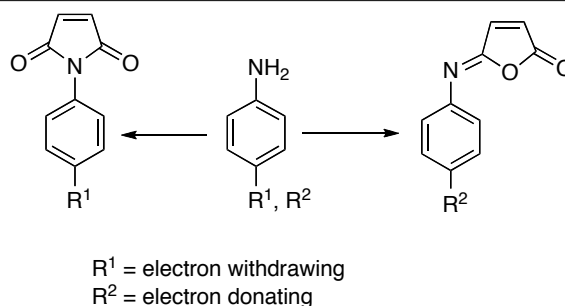
Ramesh A. Joshi, Rohini R. Joshi, Smritilekha Bera, and Mukund K. Gurjar*



Vince's Lactam Resolution Bicyclo-heterocyclic Dihydroxylation Cyclization

2305 The Electronic Effects on the Formation of *N*-Arylmaleimides and isomaleimides

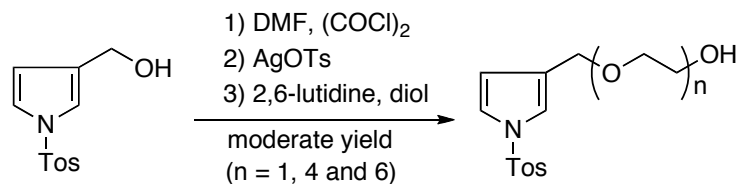
Ljiljana Fruk and Duncan Graham*



Maleimide Isomaleimide Cyclization Electron-Donating Electron-Withdrawing

2315 Synthesis of 3-Substituted Pyrrole Derivatives with Oligo(ethylene glycol) Chains

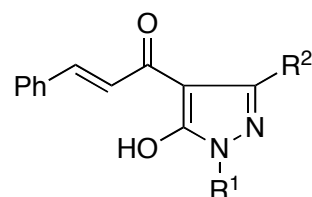
Jie-Wen Zhu and Hai-Bao Chen*



Pyrrole-3-substitute Etherification Alkoxyethyleniminium Oligoether Diol

2323 New 1-Substituted 4-Cinnamoyl-5-hydroxypyrazoles and Precursors thereof: Synthesis, Ring Closure Reactions and NMR-Spectroscopic Investigations

Ingrid Krca and Wolfgang Holzer*

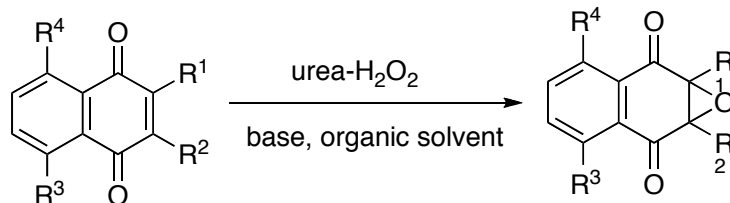


$R^1 = \text{Me, Ph, CH}_2\text{Ph}$
 $R^2 = \text{H, Me}$

5-Hydroxypyrazole Pyrazolone Tautomerism Cyclization NMR Spectroscopy

2343 Epoxidation of Quinones with Urea Hydrogen Peroxide

Cristián Torres, M. Florencia González, and Jaime A. Valderrama*



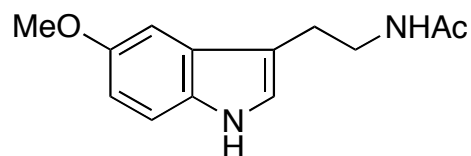
yields: 22-92%

Quinone Urea-Hydrogen Peroxide Quinone Epoxide Nucleophilic Epoxidation Substitution

■ REVIEW

2349 Short Syntheses of Melatonin

Helmut M. Hügel* and Faizul Nurlawis



N-Acetyl-5-methoxytryptamine Tryptamine Synthesis 4-Acetylaminobutanal Michael Addition Free Radical Route

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 2355 Polyketides
- 2358 Aromatics
- 2371 Terpenes
- 2392 Steroids
- 2395 Alkaloids
- 2412 Miscellaneous