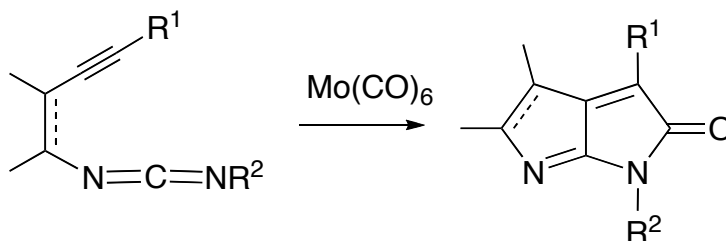


■ COMMUNICATIONS

1045 A Novel Heterocumulenic Pauson-Khand Reaction of Alkynylcarbodiimides: A Facile and Efficient Synthesis of Heterocyclic Ring-fused Pyrrolinones

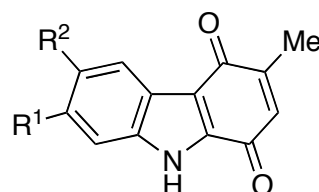
Satoshi Hasaba, Takashi Otani, Masahiro Shiotani, and Takao Saito*



Cycloaddition Pauson-Khand Reaction Carbodiimide Pyrrolinone Metal Carbonyl

1049 Indoloquinones, Part 8. Palladium(II)-catalyzed Total Synthesis of Murrayaquinone A, Koeniginequinone A, and Koeniginequinone B

Kethiri R. Reddy and Hans-Joachim Knölker*


 murrayaquinone A
 koeniginequinone A
 koeniginequinone B

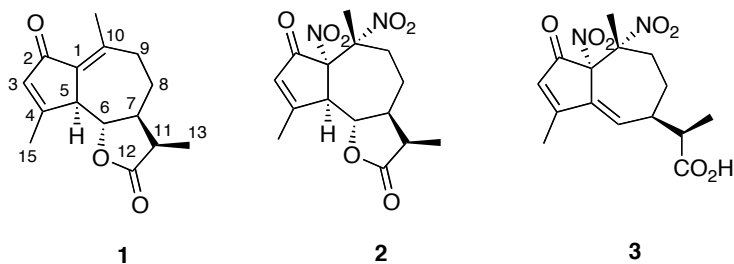
R ¹	R ²
H	H
OMe	H
OMe	OMe

Quinone Oxidative Cyclization Palladium Catalysis Carbazole Alkaloid

■ PAPERS

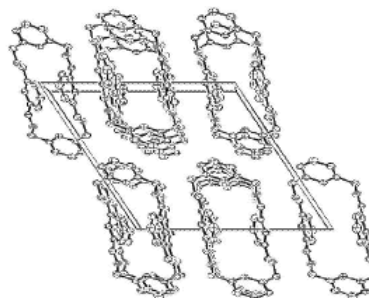
1053 Synthesis and Crystal Structure of New Dinitro Derivatives of Sesquiterpene Lactone Achillin

Atta-ur-Rahman, Seema Zareen, Kulyjasov Arman Tabylovich, Rakhimova Bibigul Bagdatovna, Adekenov Sergazy Mynzhasarovich, and Muhammad Iqbal Choudhary*


Achillea micrantha 1,10-Dihydro-1 α ,10 α -dinitroachillin (1*S*,7*R*,10*R*,11*R*)-2-Oxo-1,10-dinitroguai-3,5(6)-dien-11-oic Acid

1065 High Yield Synthesis, Separation and Structural Characterization of New [n+n]-Polyazamacrocycles

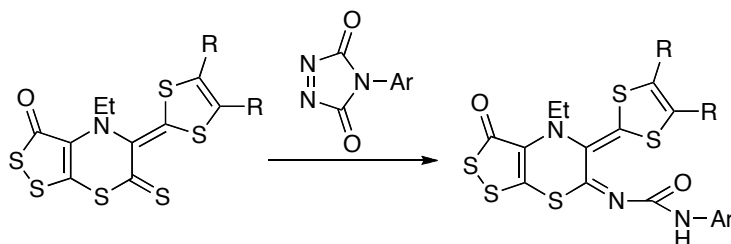
Martti Klinga, Ulf Thewalt, Amal Amin, Philipp Zell, Markus Allmendinger, and Bernhard Rieger*



Macrocyclic Azacycle Separation GPC Crystal Engineering

1083 A New Addition-Rearrangement of [1,4]Thiazine-2-thiones with Aryl-1,2,4-triazoline-3,5-diones

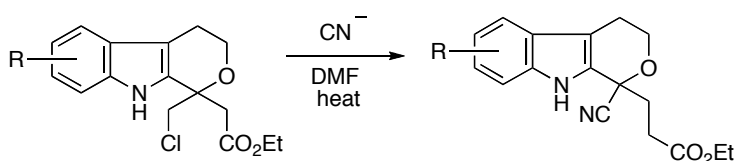
Daniel Miguel, Ana G. Neo, Susana Barriga, Pedro Fuertes, Nuria García, and Tomás Torroba*



Triazolinedione Dithiolothiazine Carbamoylimino Derivative 1,3-Dithiole

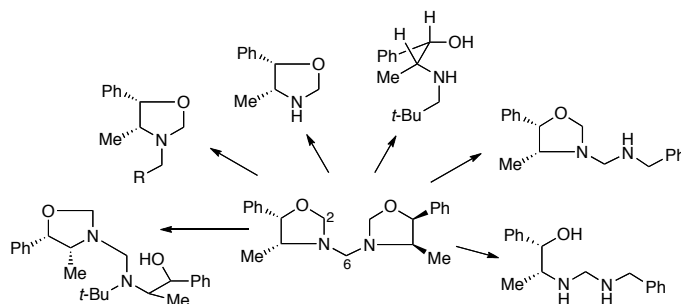
1095 A Novel Substitution Reaction of Tetrahydropyrano-[3,4-*b*]indole Derivative — Chain Extension and Structural Correlation Study

Shan-Yen Chou*


 Pyranoidole Tetrahydropyrano[3,4-*b*]indole-1-chloromethyl-1-acetate Cyanide Substitution Chain Migration and Extension

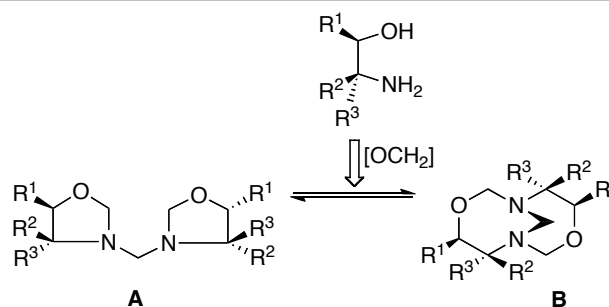
1111 Nucleophilic Reactions at Optically Active *Bis*(4-methyl-5-phenyl-1,3-oxazolidin-3-yl)methane

Juan Carlos Gálvez-Ruiz, Sonia A. Sánchez-Ruiz, Raúl Salas-Coronado, and Angelina Flores-Parra*


 Optically Active *Bis*(4-methyl-5-phenyl-1,3-oxazolidin-3-yl)methane Nucleophilic Reaction

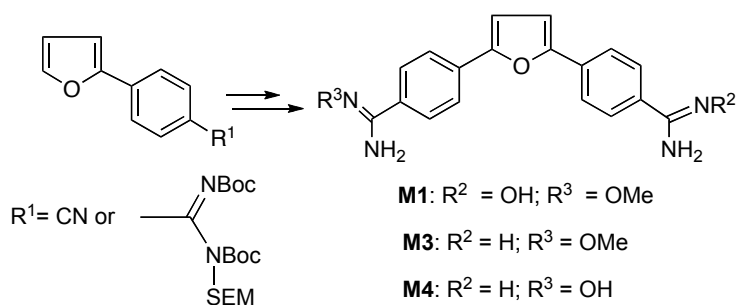
1123 Equilibrium between *Bis*(1,3-oxazolidin-3-yl)methanes and 3,8-Dioxa-1,6-diazabicyclo[4.4.1]undecanes

Carlos Guadarrama-Pérez, Juan Carlos Gálvez-Ruiz, Raúl Salas-Coronado, and Angelina Flores-Parra*


Bis(1,3-oxazolidin-3-yl)methane 3,8-Dioxa-1,6-diazabicyclo[4.4.1]undecane Equilibrium Transformation

1133 Synthesis of Metabolites of the Prodrug 2,5-Bis(4-*O*-methoxyamidinophenyl)furan

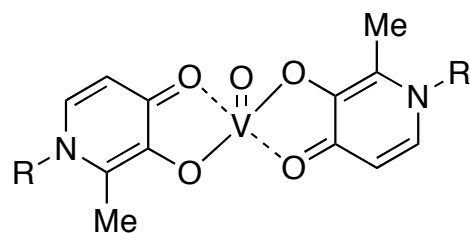
James E. Hall, Janelle Y. Saulter, Mariappan Anbazhagan, and David W. Boykin*



Stille Coupling Heck Reaction Amidoxime Prodrug Metabolite

1147 Oxovanadium Complexes of *N*-Substituted 3-Hydroxy-2-methyl-4(1*H*)-pyridinones: Synthesis, Spectroscopic Characterization, and the Insulin-mimetic Activity

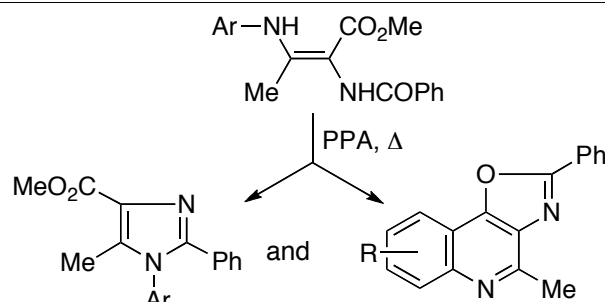
Hiromu Sakurai, Toshikazu Takino, Yae Fujisawa, Ryota Saito, Kazutoshi Taguchi, and Akira Katoh*


 R = Me, Et, Pr, Bu, (CH₂)₂OMe

 3-Hydroxy-4(1*H*)-pyridinone Oxovanadium Complex ESR Spectrum Inhibitory Effect Insulin-mimetic Activity

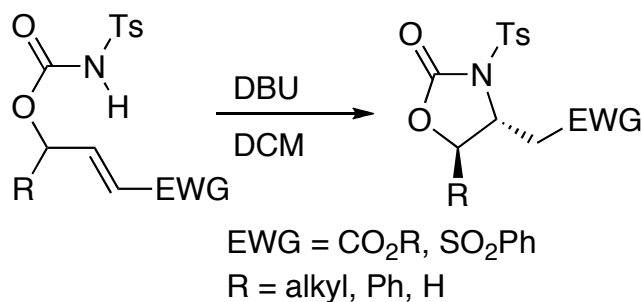
1161 Transformations of Methyl 2-Benzoylamino-2-oxobutanoate. The Synthesis of Oxazolo[4,5-*c*]quinoline and 1-Substituted 1*H*-imidazole-4-carboxylate Derivatives

Anton Meden, Jurij Svete, Simon Recnik, Urska Bratusek, and Branko Stanovnik*


 Imidazole Oxazolo[4,5-*c*]quinoline 2,3-Diaminopropenoate Cyclocondensation Dimethylaminopropenoate

1173 Stereoselective Synthesis of *trans*-4,5-Disubstituted Oxazolidin-2-ones by Intramolecular Conjugate Addition of *N*-*p*-Toluenesulfonyl Carbamates

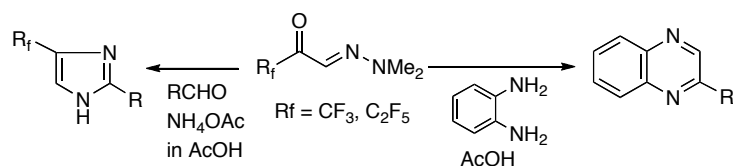
Maria Eugenia González-Rosende, José Sepúlveda-Arques, Roberta Galeazzi, Cristiana Fava, Marco Ciclosi, and Mario Orena*



Oxazolidin-2-one Conjugate Addition Stereoselection Functionalisation Amino Acid

1185 3-Dimethylhydrazono-1,1,1-trifluoro-2-propanone as a Useful Synthetic Equivalent of Trifluoropyruvaldehyde — Application to Synthesis of Fluorine-containing Heterocycles

Yasuhiro Kamitori*

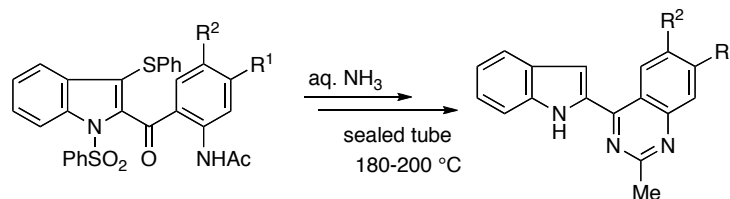


Trifluoropyruvaldehyde Synthetic Equivalent Fluorine-containing Heterocycle Imidazole Quinoxaline

■ NOTES

1191 A Facile Synthesis of Indoloquinazolines

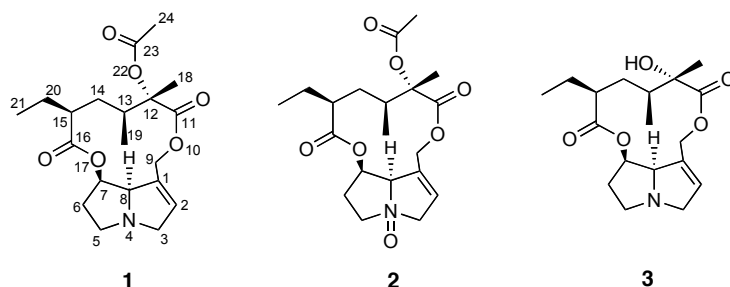
Nagappan Arumugam and Panayencheri C. Srinivasan*



2-Benzoylindole Cyclic Amination Desulfurisation

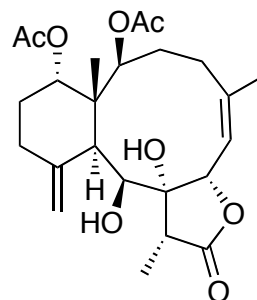
 1195 New Pyrrolizidine Alkaloids from *Ligularia tsangchanensis*

Xiaojiang Hao, Mian Zhang, Hongping He, Zhengtao Wang, Aimin Tan, and Zheng-Tao Wang*


 O-Acetylamataimine O-Acetylamataimine 4-N-Oxide Yamataimine Pyrrolizidine Alkaloid *Ligularia tsangchanensis*

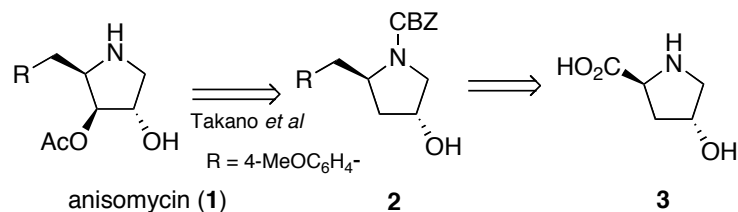
 1199 9-O-Deacetylumbraculolide A, a New Diterpenoid from the Gorgonian *Junceella fragilis*

Tung-Yung Fan and Ping-Jyun Sung*


 9-O-Umbraculolide A Diterpenoid Briarane *Junceella* Gorgonian

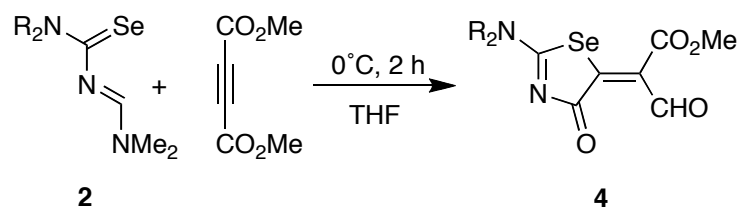
1203 Formal Synthesis of Anisomycin

Nein-Chen Chang, Meng-Yang Chang, and Shui-Tein Chen*


 Swern Oxidation Desilylation Debutoxycarbonylation Anisomycin *trans*-4-Hydroxyproline

1211 Syntheses of 4-Selenazolones. Hetero Diels-Alder Reaction of the Selenazadienes with DMAD

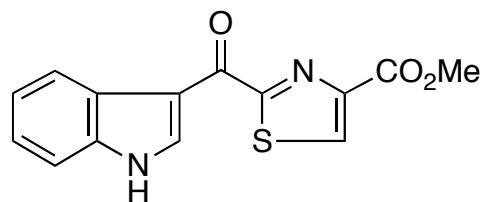
Hideharu Ishihara, Takumi Mio, Futoshi Nada, and Mamoru Koketsu*



Hetero Diels-Alder Reaction Selenazadiene Selenazole X-Ray Diffraction

1219 **A Concise Synthesis of an AHR Endogenous Ligand with the Indolecarbonylthiazole Skeleton**

Rafal R. Sicinski, Pawel Grzywacz, and Hector F. DeLuca*

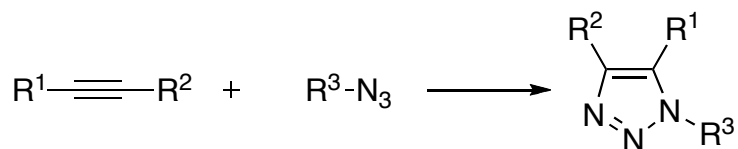


AHR Transcription Factor Endogenous Ligand

■ REVIEW

1225 **1,2,3-Triazole Formation under Mild Conditions *via* 1,3-Dipolar Cycloaddition of Acetylenes with Azides**

Sandeep K. Singh, Yuming Zhang, and Alan R. Katritzky*



R¹, R², R³ : all kinds of groups are discussed

1,3-Dipolar Cycloaddition Acetylene Azide 1,2,3-Triazole Electron-withdrawing Substituent

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1241 Polyketides
- 1247 Aromatics
- 1262 Terpenes
- 1281 Steroids
- 1284 Alkaloids
- 1295 Miscellaneous

■ ANNAOUNCEMENT

1301 Erratum
