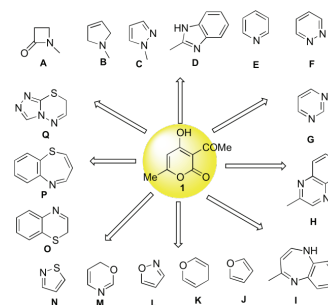


■ REVIEW

1197 Dehydroacetic Acid and Its Derivatives as Starting Synthons for Synthesis of Heterocyclic Compounds

Ranjana Aggarwal,* Chinu Rani, and Swati

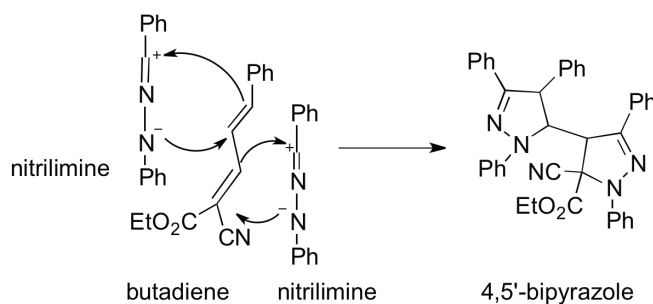


Dehydroacetic Acid (DHA)

■ PAPERS

1245 A Facile Access and Computational Studies of Some New 4,5'-Bipyrazole Derivatives

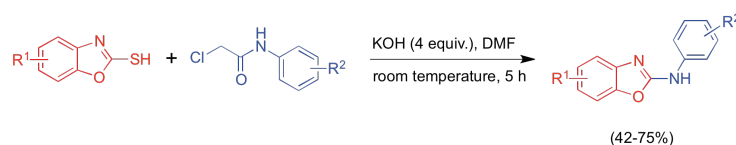
Ahmad M. Farag, Nabila A. Kheder,* Kamal M. Dawood, and Ahmed M. El Defrawy



1,3-Dipolar Cycloaddition 4,5'-Bipyrazole Regioselective Synthesis Hydrazonoyl Chloride Frontier Molecular Orbital Calculation

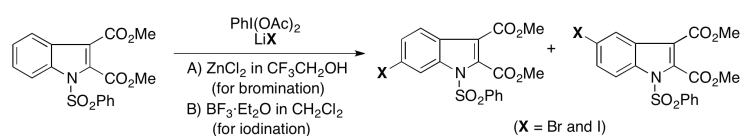
 1257 Synthesis of *N*-Aryl-2-aminobenzoxazoles from Substituted Benzoxazole-2-thiol and 2-Chloro-*N*-arylacetamides in KOH-DMF System

Guang-cheng Wang,* Jing Wang, Lu-yao Li, Shan Chen, Ya-ping Peng, Zhen-zhen Xie, Ming Chen, Bing Deng, and Wen-biao Li


N-Aryl-2-aminobenzoxazole Benzoxazole-2-thiol 2-Chloro-*N*-arylacetamide KOH-Catalyzed Reaction

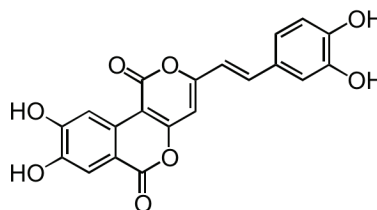
 1269 Halogenation of Dimethyl Indole-2,3-dicarboxylates Using $\text{PhI}(\text{OAc})_2$ and Alkali Metal Halide

Yasuyoshi Miki,* Yukari Hirata, Noriko Makino, Yuuka Hirose, Misa Nogata, Akira Nakamura, Hiromi Hamamoto, and Tomohiro Maegawa*



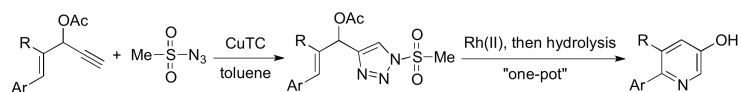
Indole-2,3-dicarboxylate Ester Bromination Iodination Hypervalent Iodine Reagent

1280 Inhibitory Activity of Hispidin Derivatives Isolated from *Inonotus obliquus* on Amyloid β Aggregation

 Yukine Aihara, Ayumi Kawaguchi, Mizuho Hanaki,
 Kazuma Murakami, Kazuhiro Irie, and
 Hideyuki Shigemori*

 Hispidin Derivative *Inonotus obliquus* Structure-Activity Relationship Amyloid β Aggregation Alzheimer's Disease

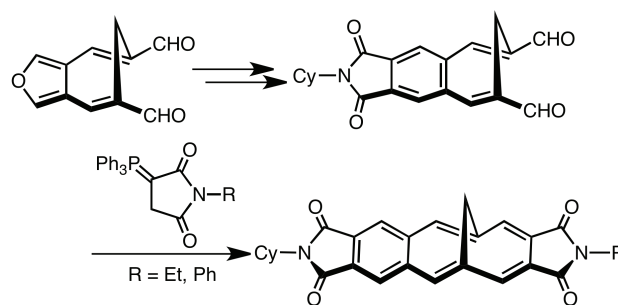
SHORT PAPERS
1289 Synthesis and Application of 1,2,3-Triazole Allyl Acetates: Expedient Access to Pyridine Derivatives

Nan Zheng and Wang-Ze Song*



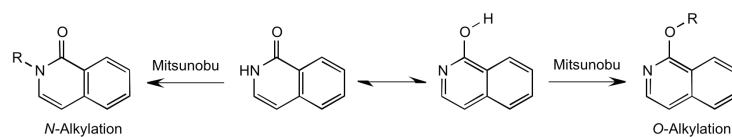
1,2,3-Triazole Allyl Acetate Pyridine CuAAC

1296 Synthesis and Photophysical Property of Methanobenzo-[10]annulene-2,3:8,9-bis(dicarboximide) Derivatives

 Tatsuya Yanagisawa,* Naoki Kobayashi, Ryuta Miyatake,
 and Mitsunori Oda*


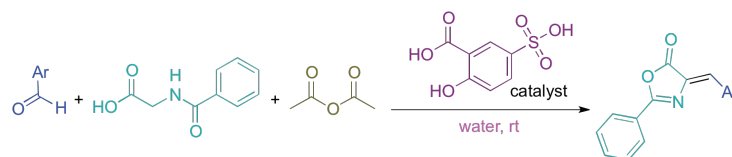
Bis(dicarboximide) [10]Annulene 1,6-Methanobenzo[10]annulene Fluorescence TD-DFT Calculation

1305 Selectivity of *N*- Versus *O*-Alkylation in Mitsunobu Reactions with Various Quinolinols and Isoquinolinols

 Ryan E. Hartung,* Mark C. Wall, Sylvain Lebreton,
 Martin Smrcina, and Marcel Patek

 Mitsunobu Reaction *O*-Alkylation *N*-Alkylation

1314 Synthesis of Erlenmeyer-Plöchl Azlactones Promoted by 5-Sulfosalicylic Acid

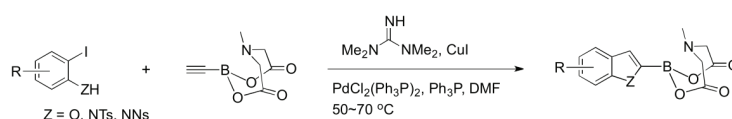
Hamzeh Kiyani* and Shiva Aslanpour



Azlactone 5-Sulfosalicylic Acid Hippuric Acid Green Chemistry

1322 Tandem Sonogashira-Hagihara Coupling/Cycloisomerization Reactions of Ethynylboronic Acid MIDA Ester to Afford 2-Heterocyclic Boronic Acid MIDA Esters: A Concise Route to Benzofurans, Indoles, Furopyridines and Pyrrolopyridines

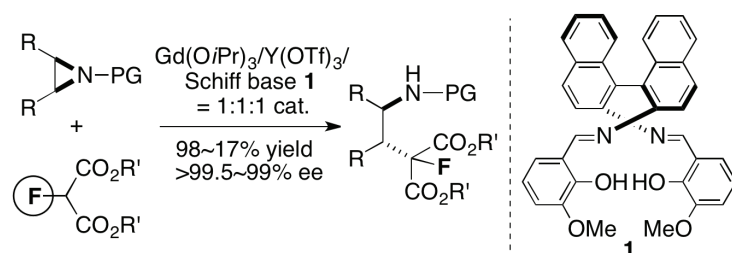
Yohji Sakurai*



Sonogashira-Hagihara Coupling Reaction Boronic Acid MIDA Ester 1,1,3,3-Tetramethylguanidine Suzuki-Miyaura Coupling Reaction

1337 Catalytic Enantioselective Desymmetrization of meso-Aziridines with Fluoromalonates

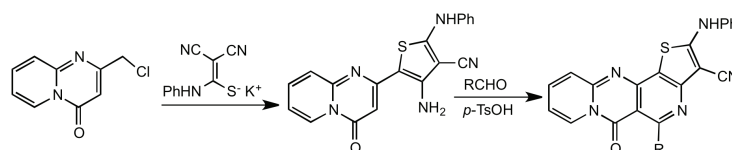
Seiya Fukagawa, Yingjie Xu, Masahiro Anada, Tatsuhiko Yoshino, and Shigeki Matsunaga*



Asymmetric Catalyst Asymmetric Reaction Aziridine Desymmetrization Fluorine Compound

1351 Synthesis of Novel Tetracyclic Thieno[3',2':2,3]pyrido[4,5-d]pyrido[1,2-a]pyrimidinones via Pictet-Spengler Cyclization

Yi-Xin Tang, Dao-Lin Wang,* and Jian-Hua Qian



Pictet-Spengler Cyclization 2-Chloromethyl-4H-pyrido[1,2-a]pyrimidin-4-one Thieno[3',2':2,3]pyrido[4,5-d]pyrido[1,2-a]pyrimidinone

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1359 Polyketides
 - 1362 Aromatics
 - 1364 Terpenes
 - 1366 Alkaloids
 - 1375 Miscellaneous
-

■ BRUSH UP YOUR HETEROCYCLES

- 1377 Brush Up Your Heterocycles
-

Contributors To This Issue

1197 Aggarwal, Ranjana
 1280 Aihara, Yukine
 1337 Anada, Masahiro
 1314 Aslanpour, Shiva
 1257 Chen, Ming
 1257 Chen, Shan
 1245 Dawood, Kamal M.
 1257 Deng, Bing
 1245 El Defrawy, Ahmed M.
 1245 Farag, Ahmad M.
 1337 Fukagawa, Seiya
 1269 Hamamoto, Hiromi
 1280 Hanaki, Mizuho
 1305 Hartung, Ryan E.
 1269 Hirata, Yukari
 1269 Hirose, Yuuka
 1280 Irie, Kazuhiro
 1280 Kawaguchi, Ayumi
 1245 Kheder, Nabila A.
 1314 Kiyani, Hamzeh
 1296 Kobayashi, Naoki
 1305 Lebreton, Sylvain
 1257 Li, Lu-yao
 1257 Li, Wen-biao
 1269 Maegawa, Tomohiro
 1269 Makino, Noriko
 1337 Matsunaga, Shigeki
 1269 Miki, Yasuyoshi
 1296 Miyatake, Ryuta
 1280 Murakami, Kazuma
 1269 Nakamura, Akira
 1269 Nogata, Misa
 1296 Oda, Mitsunori
 1305 Patek, Marcel
 1257 Peng, Ya-ping
 1351 Qian, Jian-Hua
 1197 Rani, Chinu
 1322 Sakurai, Yohji
 1280 Shigemori, Hideyuki
 1305 Smrcina, Martin
 1289 Song, Wang-Ze
 1197 Swati
 1351 Tang, Yi-Xin
 1305 Wall, Mark C.
 1351 Wang, Dao-Lin
 1257 Wang, Guang-cheng
 1257 Wang, Jing
 1257 Xie, Zhen-zhen
 1337 Xu, Yingjie
 1296 Yanagisawa, Tatsuya
 1337 Yoshino, Tatsuhiko
 1289 Zheng, Nan