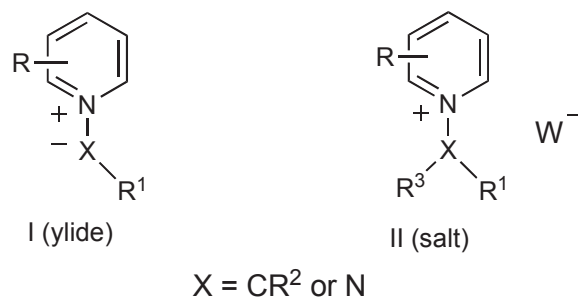


■ REVIEWS

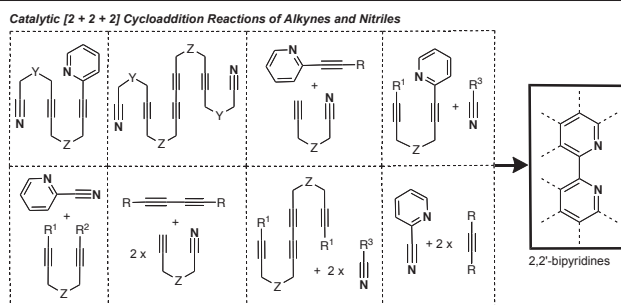
 1529 Reactions of Pyridinium *N*-Ylides and Their Related Pyridinium Salts

Akikazu Kakehi*


 Pyridinium *N*-Ylide Pyridinium Salt Heterocycle Synthesis Reaction

1579 Synthesis of 2,2'-Bipyridines by Transition Metal-Catalyzed Alkyne/Nitrile [2 + 2 + 2] Cycloaddition Reactions

Sentaro Okamoto*

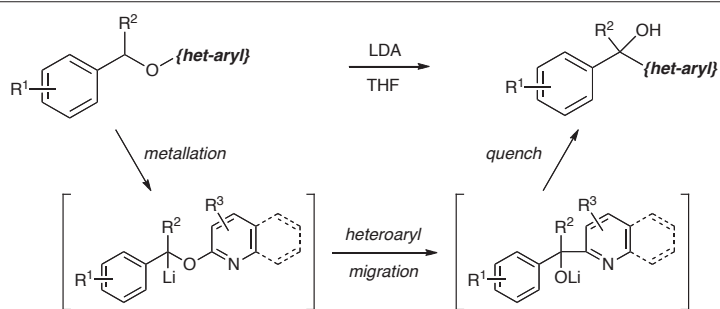


2,2'-Bipyridine Transition Metal Catalyst Cycloaddition Substituted Pyridine

■ COMMUNICATIONS

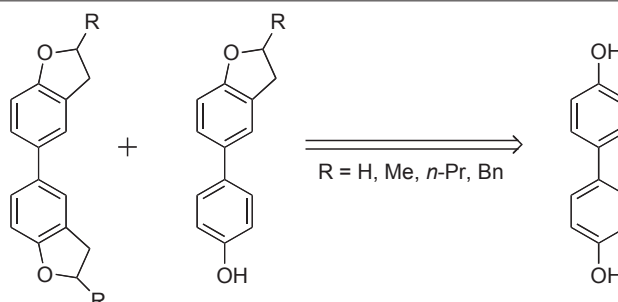
1603 [1,2]-Wittig Rearrangement of Aromatic Heterocycles

Jingyue Yang, Apiwat Wangweerawong, and Gregory B. Dudley*



1607 Synthesis of Substituted Dihydrobenzofurans and Bis-dihydrobenzofurans

Meng-Yang Chang,* Tein-Wei Lee, and Ming-Hao Wu

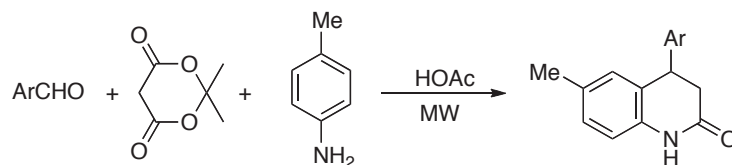


Bis-dihydrobenzofuran 4,4'-Biphenol Friedel-Crafts Alkylation Debenzylation Annulation Mitsunobu Cyclization

■ PAPERS

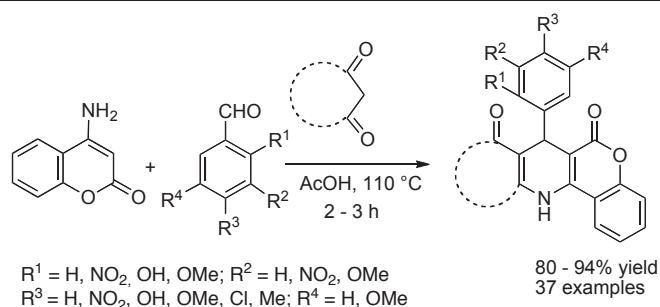
1615 Highly Efficient Synthesis of 3,4-Dihydro-2(1*H*)-quinolinone Derivatives under Microwave Heating

Xiao-Tong Zhu, Qiu-Yun Li, Bo Jiang,* and Shu-Jiang Tu*


 Multicomponent Reaction Chemoselective Synthesis Microwave Heating Spiro[5.5]undecane 3,4-Dihydro-2(1*H*)-quinolinone

1629 An Efficient One-Pot Three-Component Synthesis of Highly Functionalized Coumarin Fused Indenodihydropyridine and Chromeno[4,3-*b*]quinoline Derivatives

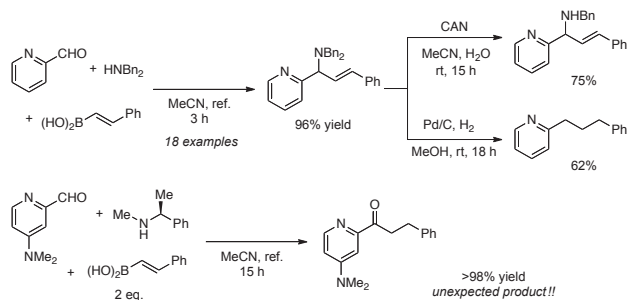
Naseem Ahmed,* B. Venkata Babu, Sandeep Singh, and Petar M. Mitrasinovic



Catalyst Free One-Pot Synthesis Environmental-Friendly conditions

1655 Studies on the Petasis Reaction of 2-Pyridinecarbaldehyde Derivatives and Its Products

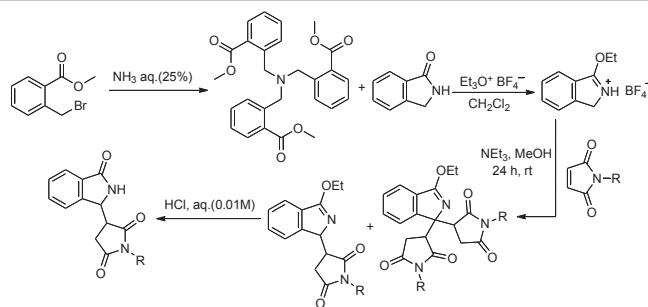
Hiroki Mandai,* Kyouta Murota, and Seiji Suga*



Multicomponent Reaction Petasis Borono-Mannich Reaction 2-Pyridinecarbaldehyde Boronic Acid Heteroaromatic Ring

1671 Reaction of 1-Ethoxyisoindole with Maleimide and Its Derivatives

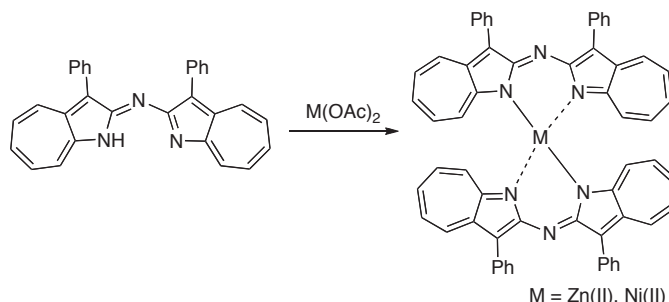
Igor V. Levkov, Stephanie Cassel, Zoia V. Voitenko,* Gennady V. Palamarchuk, Oleg V. Shishkin, Svetlana V. Shishkina, Armand Lattes, and Isabelle Rico-Lattes



Isoindole Cycloaddition Tautomerism

1683 Synthesis and Complexation of Bis(1-azaazulen-2-yl)amines and Bis(1-azaazulen-2-yl) Sulfides

Eiko Yoshioka, Kazuya Koizumi, Kenji Nakashima, Hiroyuki Fujii, Toshihiro Murafuji, Takahiro Gunji, and Noritaka Abe*

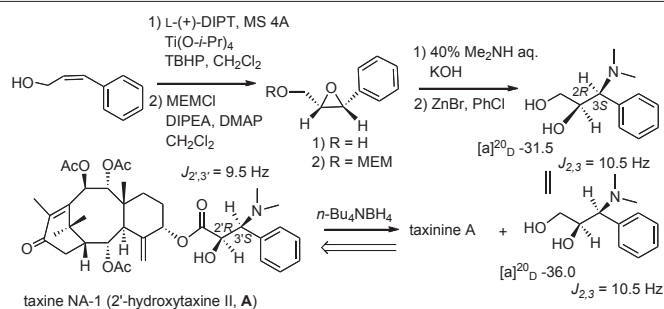


Heterocycle Azaazulene Complexation Buchwald-Hartwig Cross Coupling UV-Vis Spectrum

■ SHORT PAPERS

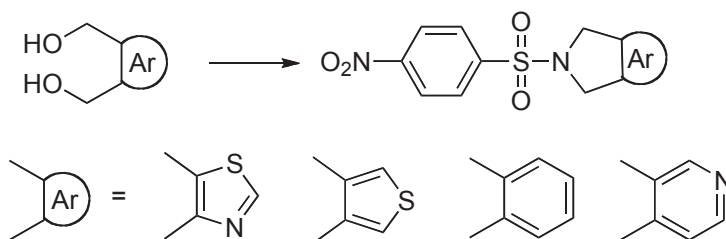
1697 Determination of the Stereochemistry of C-2' and C-3' Positions of Taxine NA-1 (2'-Hydroxytaxine II) by the Asymmetric Synthesis of the Reductive Degradation Product of Its Side Chain Moiety

Wanxia Tang,* Hiroshi Minato, Mariko Ando, and Masayoshi Ando*


 Taxine NA-1 Sharpless Asymmetric Epoxidation (2*R*,3*S*)-3- and (2*S*,3*R*)-3-Dimethylamino-3-phenylpropane-1,2-diols

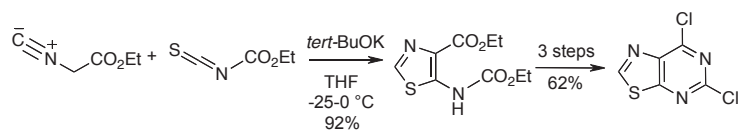
1711 A Facile Synthesis of 5,6-Dihydro-4*H*-pyrrolo[3,4-*d*]thiazole and Other Pyrrolidine-Fused Aromatic Ring Systems *via* One-Step Cyclization from Diols

Kenji Yoshikawa,* Tsutomu Nagata, Toshiharu Yoshino, Yumi Nakamoto, Noriyasu Haginoya, Ryo Muto, Akiyoshi Mochizuki, Hideyuki Kanno, and Toshiharu Ohta


 5,6-Dihydro-4*H*-pyrrolo[3,4-*d*]thiazole Mitsunobu Reaction 4-Nitrobenzenesulfonamide Cyanomethylenetriethylphosphorane

1721 Convenient Synthesis of 5,7-Dichlorothiazolo[5,4-*d*]pyrimidine

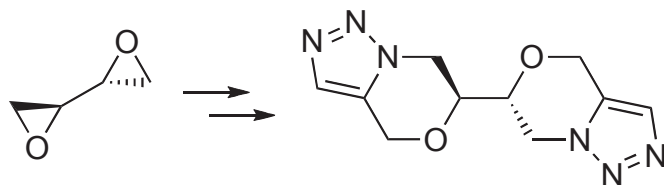
Lianhe Shu,* Lady Mae Alabanza, and Chen Gu



5-Aminothiazol Isocynoacetate Isothiocyanate Pyrimidine Cyclization

1727 Double Intramolecular 1,3-Dipolar Cycloaddition of Diazido-terminal Dialkyne: Synthesis of a New Bis(1,2,3-triazolo-1,4-oxazine)

Nejib Husein Mekni* and Ahmed Baklouti



Intramolecular Double Cycloaddition Click Chemistry 1,3-Dipolar Double Cycloaddition Tetracyclic Compound Bis(1,2,3-triazolo-1,4-oxazine)

■ NEW HETEROCYCLIC NATURAL PRODUCTS

- 1735 Polyketides
 - 1739 Aromatics
 - 1751 Terpenes
 - 1767 Steroids
 - 1769 Alkaloids
 - 1774 Miscellaneous
-

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1779 Polyketides
 - 1784 Aromatics
 - 1786 Alkaloids
 - 1794 Miscellaneous
-

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1683 Abe, Noritaka
 1629 Ahmed, Naseem
 1721 Alabanza, Lady Mae
 1697 Ando, Mariko
 1697 Ando, Masayoshi
 1629 Babu, B. Venkata
 1727 Baklouti, Ahmed
 1671 Cassel, Stephanie
 1607 Chang, Meng-Yang
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 1603 Yang, Jingyue
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 1711 Yoshino, Toshiharu
 1683 Yoshioka, Eiko
 1615 Zhu, Xiao-Tong