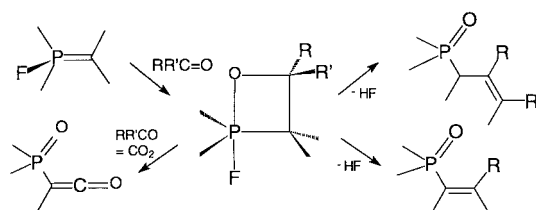


1065

## Synthesis and Properties of Phosphorus Ylides Containing Fluorine Atoms Bonded to Phosphorus

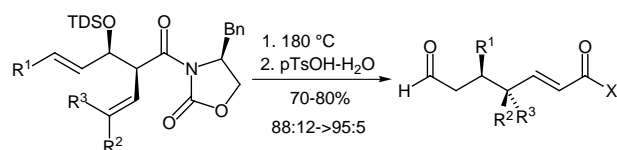
O. I. Kolodiazhnyi, R. Schmutzler



1079

## The Silyloxy-Cope Rearrangement of *Syn*-Aldol Products: Evolution of a Powerful Synthetic Strategy

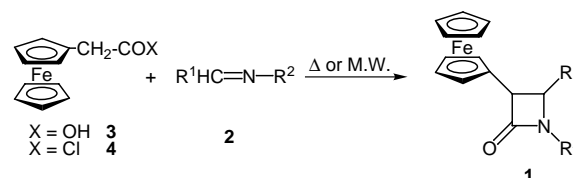
C. Schneider



1092

## One Pot Synthesis of New $\beta$ -Lactams Containing the Ferrocene Moiety

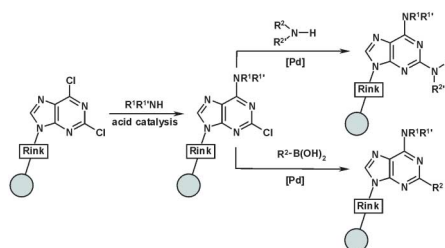
B. F. Bonini, C. Femoni, M. Comes-Franchini, M. Fochi, G. Mazzanti, A. Ricci, G. Varchi



1097

## Catalysis of 2- and 6- Substitution Reactions of Purines on Solid Phase

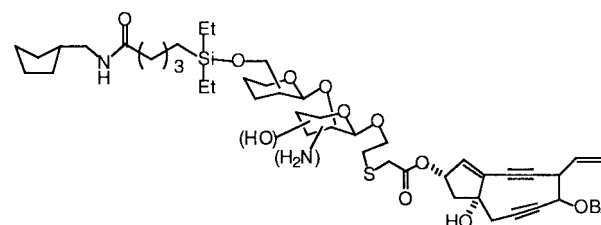
W. K.-D. Brill, C. Riva-Toniolo, S. Müller



1101

## Parallel Synthesis of Oligosaccharide Conjugated Eneidyne onto Silyl-linked Solid-Support

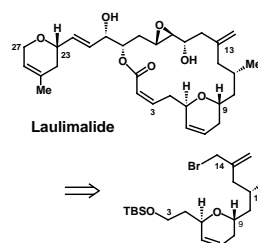
A. Matsuda, T. Doi, H. Tanaka, T. Takahashi



1105

### Concise Synthesis of the C3-C14-Fragment of the Antitumor Agent Laulimalide. Application of Jacobsen's HKR Reaction

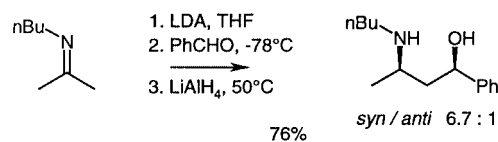
E. K. Dorling, E. Öhler, A. Mantoulidis, J. Mulzer



1109

### Diastereoselective, One-Pot Synthesis of $\gamma$ -Amino Alcohols from Ketimines

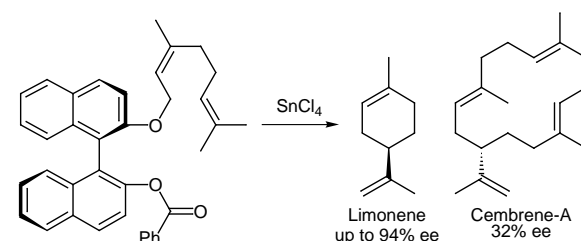
S. J. Veenstra, S. S. Kinderman



1113

### Asymmetric Synthesis of (*R*)-Limonene and (*S*)-Cembrene-A by an Intramolecular Cyclization Reaction Using a Chiral Leaving Group

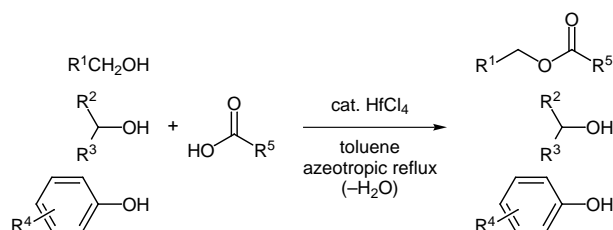
K. Ishihara, H. Nakamura, H. Yamamoto



1117

### A Green Method for the Selective Esterification of Primary Alcohols in the Presence of Secondary Alcohols or Aromatic Alcohols

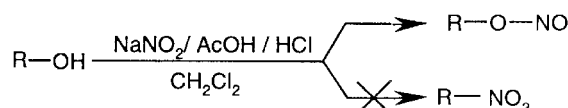
K. Ishihara, M. Nakayama, S. Ohara, H. Yamamoto



1121

### Can Nitroalkanes be Obtained Directly from Alcohols and Sodium Nitrite in Acetic Acid – Hydrochloric Acid Mixture?

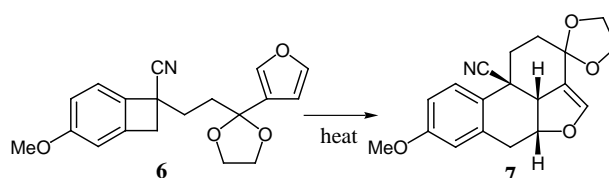
M. Mąkosza, M. Barbasiewicz, K. Wojciechowski



1123

### Rapid Access to the Potential Intermediate for the Synthesis of Halenaquinol and Halenaquinone

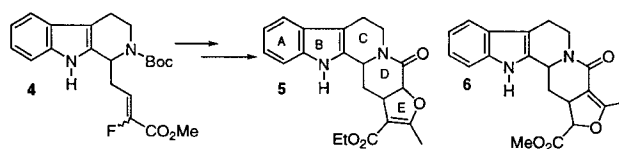
N. Toyooka, M. Nagaoka, H. Kakuda, H. Nemoto



1125

### Elaboration of New Monoterpenoid Indole Alkaloids Containing a Dihydrofuran Unit

A. Boumendjel, J.-M. Nuzillard, G. Massiot

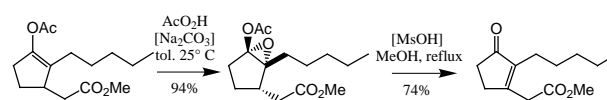


Letters

1127

### A New Synthesis of Methyl 3-Oxo-2-pentyl-1-cyclopentene-1-acetate

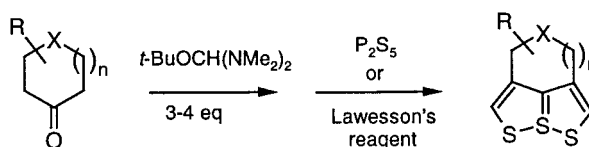
K. Crawford, V. Rautenstrauch, A. Uijtewaal



1129

### A New Synthetic Route to 3,4-Bridged 1,6,6aλ<sup>4</sup>-Trithiapentalenes

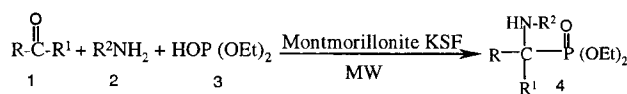
W. Zhang, Y. Henry



1131

### Montmorillonite Clay-Catalyzed One-Pot Synthesis of α-Amino Phosphonates

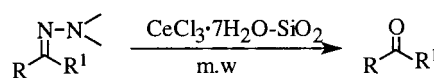
J. S. Yadav, B. V. Subba Reddy, Ch. Madan



1134

### A Facile Cleavage of Ketone *N,N*-Dimethylhydrazones by $\text{CeCl}_3 \cdot 7\text{H}_2\text{O} \cdot \text{SiO}_2$

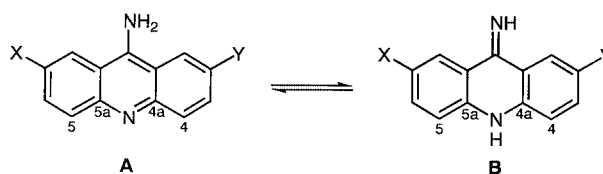
J. S. Yadav, B. V. Subba Reddy, M. S. K. Reddy, G. Sabitha



1137

### New Polyacridine Compounds: Synthesis of Acridine Dimers and Tetramers

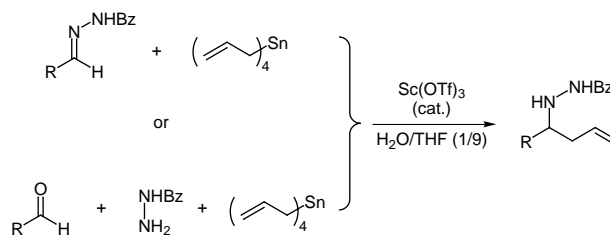
N. Filloux, J.-P. Galy



1140

## Lewis Acid-Catalyzed Allylation Reactions of Acylhydrazones with Tetraallyltin in Aqueous Media

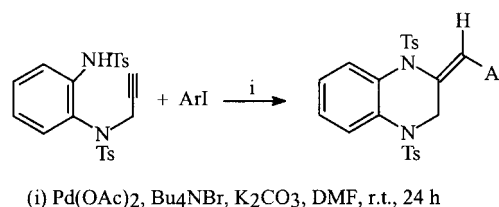
S. Kobayashi, T. Hamada, K. Manabe



1143

A Highly Regio- and Stereoselective Novel Route To (*E*)-2-Alkyl(Aryl)idene-1,2,3,4-tetrahydroquinoxalines Through a Palladium-Catalysed Arylation and Concurrent Heteroannulation Process

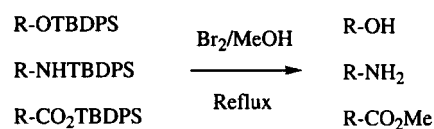
R. Mukhopadhyay, N. G. Kundu



1146

Bromine in Methanol: An Efficient Reagent for the Deprotection of the *tert*-Butyldiphenylsilyl Group

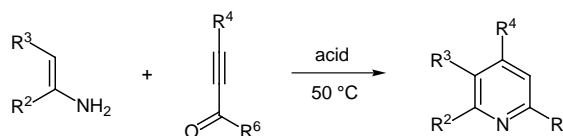
M. T. Barros, C. D. Maycock, C. Thomassigny



1149

## A New Modification of the Bohlmann-Rahtz Pyridine Synthesis

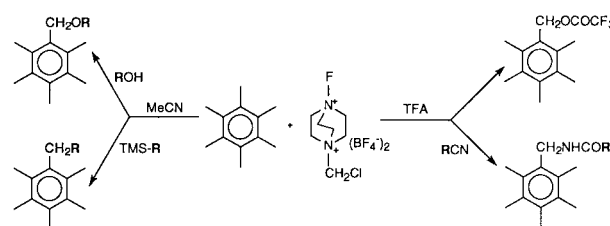
M. C. Bagley, J. W. Dale, J. Bower



1152

## Effective and Versatile Functionalisation of Hexamethylbenzene Using N-F Reagents

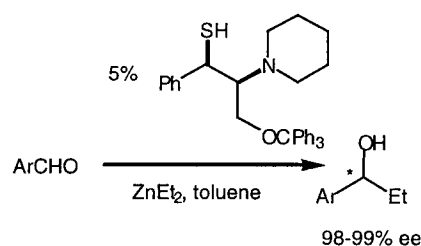
S. Stavber, P. Kralj, M. Zupan



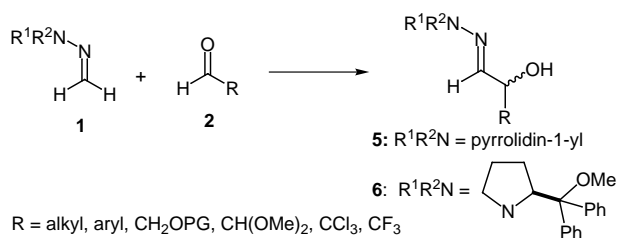
1155

## A Purely Synthetic, Diversity Amenable Version of Norephedrine Thiols for the Highly Enantioselective Diethylzinc Addition to Aldehydes

C. Jimeno, A. Moyano, M. A. Pericàs, Antoni Riera



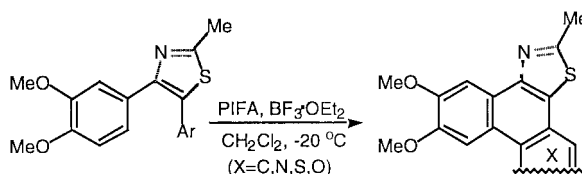
1158

Synthesis of  $\alpha$ -Hydroxyhydrazones from AldehydesR. Fernández, E. Martín-Zamora, C. Pareja, M. Alcarazo,  
J. Martín, J. M. Lassaletta

1161

## A New Entrance to the Preparation of Phenanthrene and Phenanthrenoid Heterocycles

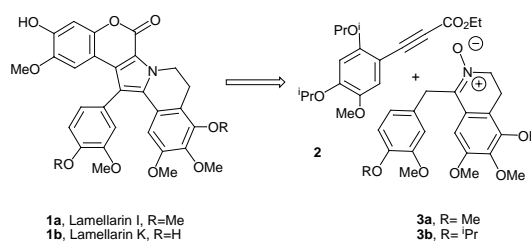
I. Moreno, I. Tellitu, R. San Martín, E. Domínguez



1164

## Syntheses of Lamellarins I and K by [3+2] Cycloaddition of a Nitron to an Alkyne

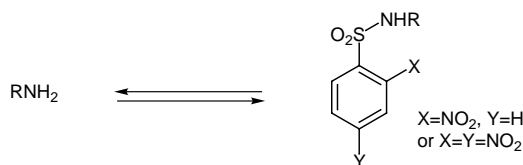
M. Díaz, E. Guitián,\* L. Castedo



1167

## 2-Nitro- and 2,4-Dinitrobenzenesulfonamides as Protecting Groups for Primary Amines

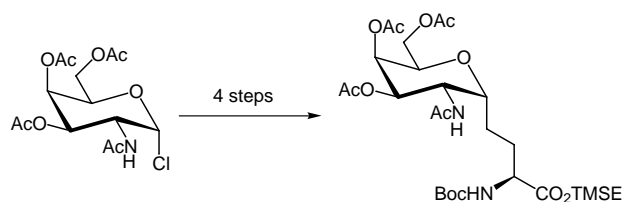
K. Nihei, M. J. Kato, T. Yamane, M. S. Palma, K. Konno



1170

## Synthesis of a C-Glycoside Analog of the Tumor-Associated Tn Antigen

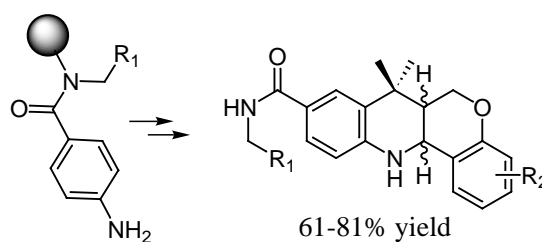
C. H. Röhrig, M. Takhi, R. R. Schmidt



1173

## A Solid-Phase Approach to Tetrahydrochromo[4,3-b]quinolines

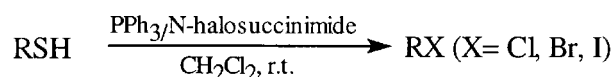
D. Zhang, A. S. Kiselyov



1176

### A Facile Conversion of Thiols to Alkyl Halides by Triphenylphosphine/N-Halosuccinimides

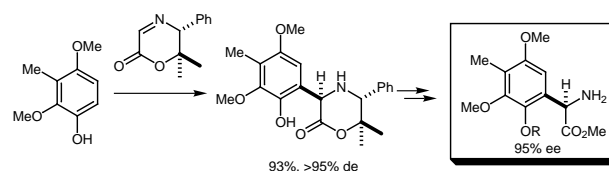
N. Iranpoor, H. Firouzabadi, G. Aghapour



1179

### Synthesis of Optically Active $\alpha$ -Arylglycines: Stereoselective Mannich-Type Reaction with a New Chiral Template

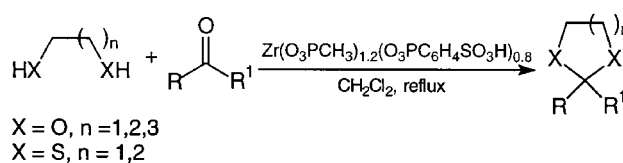
S. Tohma, A. Endo, T. Kan, T. Fukuyama



1182

### An Efficient Procedure for the Preparation of Cyclic Ketals and Thioketals Catalyzed by Zirconium Sulfophenyl Phosphonate

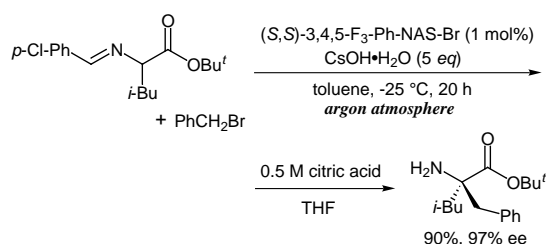
M. Curini, F. Epifano, M. C. Marcotullio, O. Rosati



1185

### Advantage of Anaerobic Conditions in the Highly Enantioselective Synthesis of $\alpha,\alpha$ -Dialkyl- $\alpha$ -Amino Acids by Chiral Phase-Transfer Catalysis

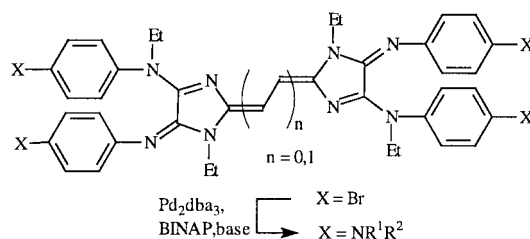
T. Ooi, M. Takeuchi, D. Ohara, K. Maruoka



1188

### On the Amination of Tetraazafulvalenes

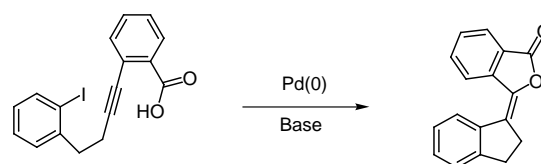
C. Käpplinger, R. Beckert



1191

### New Palladium-Catalysed Access to 3-(1'-Indanylidene) Phthalide, Precursor of the Core of Fredericamycin A

D. Bouyssi, G. Balme



1194

**Bismuth(III) Derivatives: New Catalysts**

Compiled by S. Vidal

**Errata**

1196

**Author Index**

- Aghapour, G. 1176  
 Alcarazo, M. 1158  
  
 Bagley, M. C. 1149  
 Balme, G. 1191  
 Barbasiewicz, M. 1121  
 Barros, M. T. 1146  
 Beckert, R. 1188  
 Bonini, B. F. 1092  
 Boumendjel, A. 1125  
 Bouyssi, D. 1191  
 Bower, J. 1149  
 Brill, W. K.-D. 1097  
  
 Castedo, L. 1164  
 Comes-Franchini, M. 1092  
 Crawford, K. 1127  
 Curini, M. 1182  
  
 Dale, J. W. 1149  
 Díaz, M. 1164  
 Doi, T. 1101  
 Domínguez, E. 1161  
 Dorling, E. K. 1105  
  
 Endo, A. 1179  
 Epifano, F. 1182  
  
 Femoni, C. 1092  
 Fernández, R. 1158  
 Filloux, N. 1137  
 Firouzabadi, H. 1176  
 Fochi, M. 1092  
 Fukuyama, T. 1179  
  
 Galy, J.-P. 1137  
 Guitián, E. 1164  
  
 Hamada, T. 1140  
 Henry, Y. 1129  
  
 Iranpoor, N. 1176  
 Ishihara, K. 1113, 1117  
  
 Jimeno, C. 1155  
  
 Kakuda, H. 1123  
 Kan, T. 1179  
 Käpplinger, C. 1188  
 Kato, M. J. 1167  
 Kinderman, S. S. 1109  
 Kiselyov, A. S. 1173  
 Kobayashi, S. 1140  
 Kolodiazhnyi, O. I. 1065  
 Konno, K. 1167  
 Kralj, P. 1152  
 Kundu, N. G. 1143  
  
 Lassaletta, J. M. 1158  
  
 Małosza, M. 1121  
 Madan, C. 1131  
 Manabe, K. 1140  
 Mantoulidis, A. 1105  
 Marcotullio, M. C. 1182  
 Martín, J. 1158  
 Martín-Zamora, E. 1158  
 Maruoka, K. 1185  
 Massiot, G. 1125  
  
 Matsuda, A. 1101  
 Maycock, C. D. 1146  
 Mazzanti, G. 1092  
 Moreno, I. 1161  
 Moyano, A. 1155  
 Mukhopadhyay, R. 1143  
 Müller, S. 1097  
 Mulzer, J. 1105  
  
 Nagaoka, M. 1123  
 Nakamura, H. 1113  
 Nakayama, M. 1117  
 Nemoto, H. 1123  
 Nihei, K. 1167  
 Nuzillard, J.-M. 1125  
  
 Ohara, D. 1185  
 Ohara, S. 1117  
 Öhler, E. 1105  
 Ooi, T. 1185  
  
 Palma, M. S. 1167  
 Pareja, C. 1158  
 Pericàs, M. A. 1155  
  
 Rautenstrauch, V. 1127  
 Reddy, M. S. K. 1134  
 Ricci, A. 1092  
 Riera, A. 1155  
 Riva-Toniolo, C. 1097  
 Röhrig, C. H. 1170  
 Rosati, O. 1182  
  
 Sabitha, G. 1134  
 San Martín, R. 1161  
 Schmidt, R. R. 1170  
 Schmutzler, R. 1065  
 Schneider, C. 1079  
 Stavber, S. 1152  
 Subba Reddy, B. V. 1131, 1134  
  
 Takahashi, T. 1101  
 Takeuchi, M. 1185  
 Takhi, M. 1170  
 Tanaka, H. 1101  
 Tellitu, I. 1161  
 Thomassigny, C. 1146  
 Tohma, S. 1179  
 Toyooka, N. 1123  
  
 Ujttewaal, A. 1127  
  
 Varchi, G. 1092  
 Veenstra, S. J. 1109  
 Vidal, S. 1194  
  
 Wojciechowski, K. 1121  
  
 Yadav, J. S. 1131, 1134  
 Yamamoto, H. 1113, 1117  
 Yamane, T. 1167  
  
 Zhang, D. 1173  
 Zhang, W. 1129  
 Zupan, M. 1152