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Volume 6 Number 8 April 15, 2004

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Letters

1189 Exceptional Chiral Recognition of Racemic Carboxylic

Acids by Calix[4] arenes Bearing Optically Pure $\alpha \beta$ -Amino **Alcohol Groups**

Yan-Song Zheng* and Chun Zhang

1193 Highly Enantioselective Addition of Phenylacetylene to

Zhaoqing Xu, Chao Chen, Jiangke Xu, Mingbo Miao, Wenjin Yan, and Rui Wang*

Ph — II ' ROI IO
$$\frac{7}{\text{CH}_2\text{Cl}_2}$$
, rt $\frac{\text{OH}}{\text{R}}$ $\frac{\text{OH}}{\text{R}}$ $\frac{\text{OH}}{\text{R}}$

1197 Synthesis, X-ray Structure, and Self-Assembly of

■ Functionalized Bis(2,2':6',2"-terpyridinyl)arenes

Pingshan Wang, Charles N. Moorefield, and George R. Newkome*

1201 Mannich Reaction as a New Route to Pyridine-Based

■ Polyaminocarboxylic Ligands

Silvio Aime, Camilla Cavallotti, Eliana Gianolio, Giovanni B. Giovenzano,* Giovanni Palmisano,* and Massimo Sisti

1205 Selective Selenocatalytic Allylic Chlorination

Jon A. Tunge* and Shelli R. Mellegaard

1209 A New Redox-Fluorescence Switch Based on a Triad with

■ Tetrathlafulvalene and Anthracene Units

SCH₂CH₂O Weakly fluorescent

Reduction Oxidation

OCH₂CH₂S

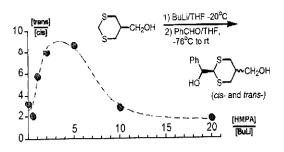
SCH₂CH₂O

Strongly fluorescent

Guanxin Zhang, Deqing Zhang,* Xuefeng Guo, and Daoben Zhu*

1213 Addition of Lithiated 5-Hydroxymethyl-1,3-dithiane to Benzaldehyde: HMPA-Controlled Trans Stereoselectivity

Zaiguo Li, Alexei N. Kurchan, and Andrei G. Kutateladze*



1217 3-Fluoro-6-tert-buty/tetrahydropyranosyl

 Trichtoroacetamidates. "Chiral Auxiliary Donors" for Hydroxyalkyl Radicals

Philip Garner* and Özge Şeşenoğlu

1221 Ring-Closing Metathesis/Fragmentation Route to

 Geometrically Defined Medium-Ring Cycloalkenes: Total Synthesis of (±)-Periplanone C

Aleksandar Ivkovic, Radomir Matovic, and Radomir N. Saicic*

Periplanone C

1225 Facile Purification of Rare Cucurbiturils by Affinity

■ Chromatography

crude product mixture

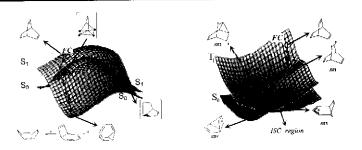
water

TFA, CH₂Cl₂ Et₃N, DMF

Pure
CB[6]

Sanjita Sasmal, Mantosh K. Sinha, and Ehud Keinan*

1229 Triplet versus Singlet Photoreaction Mechanism in the Barrelene Di-π-methane Rearrangement



Luis M. Frutos,* Unai Sancho, and Obis Castaño

1233 Dirhodium(II) Tetra(N-(dodecylbenzenesulfonyl)prolinate)

■ Catalyzed Enantioselective Cyclopropenation of Alkynes

$$R_1 = + N_2 = Aryl = Rh_2(S-DOSP)_4 R_1 - CO_2Me$$

$$R_1 = + N_2 = Aryl - Rh_2(S-DOSP)_4 - Rh_2(S-DOSP)_5 -$$

Huw M. L. Davies* and Gene H. Lee

1237 Direct Synthesis of 1,5-Disubstituted-4-magnesio-1,2,3-triazoles, Revisited

Antoni Krasiński,* Valery V. Fokin, and K. Barry Sharpless

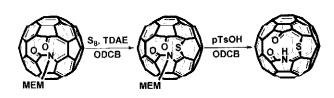
1241 Efficient Green Coumarin Dopants for Organic

■ Light-Emitting Devices

Meng-Ting Lee, Chia-Kuo Yen, Wen-Ping Yang, Hsian-Hung Chen, Chi-Hung Liao, Chin-Hung Tsal, and Chin H. Chen*

1245 Novel Open-Cage Fullerenes Having a 12-Membered-Ring

Orifice: Removal of the Organic Addends from the Rim of the Orifice



Georgios C. Vougioukalakis, Kosmas Prassides,* and Michael Orfanopoulos*

Org. Lett., Vol. 6, No. 8, 2004

1249 Curvicollides A-C: New Polyketide-Derived Lactones from

a Sclerotium-Colonizing Isolate of Podospora curvicolla (NRRL 25778)

$$H_3C \xrightarrow{C} H_3 \xrightarrow{C} H_3 \xrightarrow{C} H_3 \xrightarrow{R'} CH_4$$

- 1 R = CH₂OH R' = H
- 2 R = CH₂ R' = OH
- $R = CH_3$ R' = H

Yongsheng Che, James B. Cloer,* and Donald T. Wicklow

1253 Enantioselective Total Synthesis of

■ (-)-Dehydrobatzelladine C

Shawn K. Collins, Andrew I. McDonald, Larry E. Overman,* and Young Ho Rhee

(-)-dehydrobatzelladine C

1257 Rhodium-Catalyzed Addition/Ring-Opening Reaction of

■ Arylboronic Acids with Cyclobutanones

Takanori Mateuda, Macaomi Makino, and Masahiro Murakami*

1261 A Novel Enantioselective (2Z)-Alk-2-enylation of Aldehydes

via an Allyl-Transfer Reaction from Chiral Allyl Donors Prepared from (+)-Isomenthone

Junzo Nokami,* Kenta Nomiyama, Siddiqi M. Shafi, and Kazunide Kataoka

1265 Termination of Mn(III)-Based Oxidative Cyclizations by

■ Trapping with Azide

Barry B. Snider* and Jeremy R. Duvall

1269 Asymmetric Synthesis of the Carbocyclic Nucleoside

 Building Block (R)-(+)-4-Aminocyclopentenone Using δ-Amino β-Ketophosphonates and Ring-Closing Metathesis (RCM)

$$X = \rho$$
-TolylS(O)-, Ts, Boc

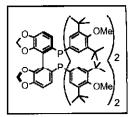
Franklin A. Davis* and Yongzhong Wu

1273 Asymmetric 1,4-Reductions of Hindered β -Substituted

■ Cycloalkenones Using Catalytic SEGPHOS-Ligated CuH

Bruce H. Lipshutz,* Jeff M. Servesko, Tue B. Petersen, Patrick P. Papa, and Andrew A. Lover

S/: ratios up to 275,000:1



tigand = R-(-)-DTBM-SEGPHOS

1277 Unexpectedly Selective Formation and Reactions of Epoxycyclooctenones under Microwave-Mediated Conditions

John Fawcett, Gerry A. Griffith, Jonathan M. Percy,* and Emi Uneyama

1281 An Unusual Approach to the Synthesis of Enantiomerically

■ Cls Linear Homoatlylic Alcohols Based on the Steric Interaction Mechanism of Camphor Scaffold

Chi-Lik Ken Lee, Cheng-Hsia Angeline Lee, Kui-Thong Tan, and Teck-Peng Loh*

syn/anti = 70/30

Up to 00% oc and 00% Z

1285 Catalytic Asymmetric Synthesis of Glutamate Analogues

David J. Burkhart, Andrew R. McKenzie, Jared K. Nelson, Katherine I. Myers, Xue Zhao, Kathy R. Magnusson, and Nicholas R. Natale*

61-95% yield ช5-94% ee

1289 Formal Total Synthesis of (-)-Apicularen A via

■ Transannular Conjugate Addition

Ferdows Hilli, Jonathan M. White, and Mark A. Rizzacasa*

1293 Synthesis of Novel 11-Desmethyl Analogues of Laulimalide

■ by Nozaki-Kishi Coupling

lan Paterson,* Hermann Bergmann, Dirk Menche, and Albrecht Berkessel

1297 Iron-Catalyzed Grignard Cross-Coupling with Alkyl Halides

■ Possessing β -Hydrogens

Takashi Nagano and Tamio Hayashi*

1301 Kinetic Resolution and Unusual Regioselectivity in

Palladium-Catalyzed Allylic Alkylations with a Chiral P,S Ligand

$$\begin{array}{c} \text{OAc} & [(\eta^3\text{-}C_3\text{H}_5)\text{Pd}(S)\text{-}\\ \text{BINAP(S)}]\text{SbF}_6 & \text{Ph} \\ \hline \\ \text{NaCH(CO}_2\text{Me}_2) & \text{Ph} \\ \hline \\ \text{(S)-BINAP(S)} = & \\ \hline \\ \text{S} & \\ \text{PPh}_2 & \text{Ph} \\ \hline \\ \text{PPh}_2 & \text{Ph} \\ \hline \end{array}$$

J. W. Faller,* Jeremy C. Wilt, and Jonathan Parr

1305 Rhodium-Catalyzed Imination of Sulfoxides and Sulfides:

■ Efficient Preparation of N-Unsubstituted Sulfoximines and Sulfilimines

$$\begin{array}{c} O \\ R^{2} \stackrel{\cdot}{S} \stackrel{\cdot}{R}' \\ \text{or} \\ R^{2} \stackrel{\cdot}{S} \stackrel{\cdot}{R}' \end{array} \longrightarrow \begin{array}{c} O \stackrel{\cdot}{N} \stackrel{\cdot}{N} \stackrel{\cdot}{R}' \\ [Rh_{2}(OAc)_{4}] \ (2.5 \ \text{mol}\%), \\ X \cdot NH_{2}, \ MgO, \ PhI(OAc)_{2}, \\ CH_{2}CI_{2}, \ \text{rt} \\ R^{2} \stackrel{\cdot}{S} \stackrel{\cdot}{R}' \\ R^{2} \stackrel{\cdot}{S} \stackrel{\cdot}{R}' \end{array}$$

Hiroaki Okamura and Carsten Bolm*

1309 Thioacylation Reactions for the Surface Functionalization

of Phosphorus-Containing Dendrimers

Patrice Marchand, Laurent Griffe, Anne-Marie Caminade,* Jean-Pierre Majoral,* Mathias Destarac, and Frédéric Leising

1313 Synthesis of 1-Aza-8-thlabicyclo[4.2.1]nona-2,4-diene

 8,8-Dioxide and its Conversion to a Strained Spirocycle via Photoinduced SO_s—N Bond Cleavage

Leo A. Paquette,* William R. S. Barton, and Judith C. Gallucci

1317 Rapid Assembly of the Bicyclo[5.3.1]undecenone Core of

■ Penostatin F: A Successive Diels-Alder/Claisen Reaction Strategy with an Efficient Stereochemical Relay

Louis Barriault,* Patrick J. A. Ang, and Roch M. A. Lavigne

1321 Direct, Stereoselective Substitution in

■ [Rh(CO)₂Cl]₂-Catalyzed Allylic Alkylations of Unsymmetrical

$$\begin{array}{c} R^{2}R^{3} \quad R^{4} \\ R^{1} & OCO_{2}Me \end{array} \xrightarrow{ \begin{array}{c} |Rh(CO)_{2}CI|_{2} \\ NaCH(CO_{2}Me)_{2} \end{array}} \begin{array}{c} R^{2}R^{3} \quad R^{4} \\ CO_{2}Me \end{array} \xrightarrow{ \begin{array}{c} R^{1} \quad R^{2}R^{3} \\ CO_{2}Me \end{array}} \begin{array}{c} R^{1} \quad R^{2}R^{3} \\ CO_{2}Me \end{array}$$

Brandon L. Ashfeld, Kenneth A. Miller, and Stephen F. Martin*

1325 Rhenium-Catalyzed Aromatic Propargylation

Joshua J. Kennedy-Smith, Lauren A. Young, and F. Dean Toste*

1329 Application of Intramolecular Enyne Metathesis to the

Synthesis of Aza[4.2.1]bicyclics: Enantiospecific Total Synthesis of (+)-Anatoxin-a

Jehrod B. Brenneman and Stephen F. Martin*

1333 Intramolecular Alkylative Arylation of Oxabicylic Alkene: A

Potential Diene Approach for the Synthesis of Estrone and Analogous Steroid Structures

Wei-Dong Z. Li* and Kun Wei

1337 Phosphine-Catalyzed Regiospecific Allylic Amination and

■ Dynamic Kinetic Resolution of Morita—Baylis—Hillman Acetates

Chang-Woo Cho, Jong-Rock Kong, and Michael J. Krische*

■ Supporting Information is available free of charge via the Internet at http://pubs.acs.org.

* In papers with more than one author, the asterisk indicates the name of the author to whom inquiries about the paper should be addressed.