



January 2, 2015: Vol. 80, Iss. 1

Content

1. Recent Advances in Asymmetric Catalytic Methods for the Formation of Acyclic α,α -Disubstituted α -Amino Acids

Alison E. Metz and Marisa C. Kozlowski
The Journal of Organic Chemistry 2015 80 (1), 1-7

2. Discovery of Deep-Seated Skeletal Rearrangements in the Photocyclizations of Some tert-Butyl-Substituted 1,2-Diarylethylenes

Frank B. Mallory, Colleen K. Regan, Joseph M. Bohen, Clelia W. Mallory, Alyssa A. Bohen, and Patrick J. Carroll
The Journal of Organic Chemistry 2015 80 (1), 8-17

3. Pseudopericyclic 1,5- versus Pericyclic 1,4- and 1,6-Electrocyclization in Electron-Poor 4-Aryl-2-azabuta-1,3-dienes: Indole Synthesis from 2H-Azirines and Diazo Compounds

Mikhail S. Novikov, Alexander F. Khlebnikov, Nikolai V. Rostovskii, Sergei Tcyruulinikov, Anna A. Suhanova, Kirill V. Zavyalov, and Dmitry S. Yufit
The Journal of Organic Chemistry 2015 80 (1), 18-29

4. Structural Conformers of (1,3-Dithiol-2-ylidene)ethanethioamides: The Balance between Thioamide Rotation and Preservation of Classical Sulfur–Sulfur Hypervalent Bonds

Pedro Fuertes, María García-Valverde, Ricardo Pascual, Teresa Rodríguez, Josefa Rojo, José García-Calvo, Patricia Calvo, José V. Cuevas, Gabriel García-Herbosa, and Tomás Torroba
The Journal of Organic Chemistry 2015 80 (1), 30-39

5. Synthesis of 2-Oxazolines by in Situ Desilylation and Cyclodehydration of β -Hydroxyamides

Marco Brandstätter, Fabian Roth, and Nathan W. Luedtke
The Journal of Organic Chemistry 2015 80 (1), 40-51

6. Allylsamarium Bromide-Mediated Cascade Cyclization of Homoallylic Esters. Synthesis of 2-(2-Hydroxyalkyl)cyclopropanols and 2-(2-Hydroxyethyl)bicyclo[2.1.1]hexan-1-ols

Mengmeng Shen, Yawei Tu, Guanqun Xie, Qingsheng Niu, Hui Mao, Tingting Xie, Robert A. Flowers, II, Xin Lv, and Xiaoxia Wang
The Journal of Organic Chemistry 2015 80 (1), 52-61

**7. Catalyst-Free and Selective C–N Bond Functionalization:
Stereospecific Three-Component Coupling of Amines,
Dichloromethane, and >P(O)H Species Affording α -
Aminophosphorus Compounds**

Yalei Zhao, Xiuling Chen, Tieqiao Chen, Yongbo Zhou, Shuang-Feng Yin, and Li-Biao Han
The Journal of Organic Chemistry 2015 80 (1), 62-69

**8. Synthesis of Fused Bicyclic Piperidines: Potential Bioactive
Templates for Medicinal Chemistry**

Jinglan Zhou, Erica L. Campbell-Conroy, Alina Silina, Johnny Uy, Fabrice Pierre, Dennis J. Hurley, Nicole Hilgraf, Bryan A. Frieman, and Michael P. DeNinno
The Journal of Organic Chemistry 2015 80 (1), 70-79

**9. Covalent Dimers of 1,3-Diphenylisobenzofuran for Singlet Fission:
Synthesis and Electrochemistry**

Akin Akdag, Abdul Wahab, Pavel Beran, Lubomír Rulišek, Paul I. Dron, Jiří Ludvík, and Josef Michl
The Journal of Organic Chemistry 2015 80 (1), 80-89

10. Copper-Catalyzed Tandem Reactions for Synthesis of Pyrazolo[5,1-a]isoquinolines with Heterocyclic Ketene Aminals as Ligands

Li-Rong Wen, Xian-Jun Jin, Xiao-Dong Niu, and Ming Li
The Journal of Organic Chemistry 2015 80 (1), 90-98

**11. Regioselective Metal-Free Decarboxylative Multicomponent
Coupling of α -Amino Acids, Aldehydes and Isonitriles Leading to N-
Substituted Azacyclic-2-carboxamides with Antithrombotic Activity**

Shashikant U. Dighe, Anil Kumar K. S., Smriti Srivastava, Pankaj Shukla, Surendra Singh, Madhu Dikshit, and Sanjay Batra
The Journal of Organic Chemistry 2015 80 (1), 99-108

**12. Double [4 + 2] Cycloaddition Reaction To Approach a Large Acene
with Even-Number Linearly Fused Benzene Rings: 6,9,16,19-
Tetraphenyl-1,20,4,5,10,11,14,15-Tetrabenzo{octatwistacene}**

Junbo Li, Yongbiao Zhao, Jing Lu, Gang Li, Jingping Zhang, Yang Zhao, Xiaowei Sun, and Qichun Zhang
The Journal of Organic Chemistry 2015 80 (1), 109-113

**13. Total Synthesis and Structure Determination of JBIR-108—A 2-
Hydroxy-2-(1-hydroxyethyl)-2,3-dihydro-3(2H)-furanone Isolated
from *Streptomyces gramineus* IR087Pi-4**

Koichi Fujiwara, Hirokazu Tsukamoto, Miho Izumikawa, Takahiro Hosoya, Noritaka Kagaya, Motoki Takagi, Hideki Yamamura, Masayuki Hayakawa, Kazuo Shin-ya, and Takayuki Doi
The Journal of Organic Chemistry 2015 80 (1), 114-132

14. Asymmetric Synthesis of Hydroxy Esters with Multiple Stereocenters via a Chiral Phosphoric Acid Catalyzed Kinetic Resolution

Ghassan Qabaja, Amanda R. Benavides, Shubin Liu, and Kimberly S. Petersen
The Journal of Organic Chemistry 2015 80 (1), 133-140

15. Reactivity of Endohedral Metallofullerene La₂@C₈₀ in Nucleophilic and Electrophilic Attacks: Vibronic Coupling Density Approach

Naoki Haruta, Tohru Sato, and Kazuyoshi Tanaka
The Journal of Organic Chemistry 2015 80 (1), 141-147

16. Preparation of 3-Acyl-4-arylcoumarins via Metal-Free Tandem Oxidative Acylation/Cyclization between Alkynoates with Aldehydes

Xia Mi, Chenyang Wang, Mengmeng Huang, Yusheng Wu, and Yangjie Wu
The Journal of Organic Chemistry 2015 80 (1), 148-155

17. Asymmetric Synthesis of Functionalized Tetrasubstituted α-Aminophosphonates through Enantioselective Aza-Henry Reaction of Phosphorylated Ketimines

Javier Vicario, Pablo Ortiz, José M. Ezpeleta, and Francisco Palacios
The Journal of Organic Chemistry 2015 80 (1), 156-164

18. Synthesis and Biological Activity of Two C-7 Methyl Analogues of Vitamin D

Katarzyna Sokolowska, Diego Carballa, Samuel Seoane, Román Pérez-Fernández, Antonio Mouriño, and Rafal R. Sicinski
The Journal of Organic Chemistry 2015 80 (1), 165-173

19. Transformation of Zwitterionic Pyridine Derivatives to a Spiro-Fused Ring System: Azoniabenz[de]fluorine. Synthesis and Mechanistic Rationalization

Roberta Palkó, Orsolya Egyed, Tibor András Rokob, Petra Bombicz, Zsuzsanna Riedl, and György Hajós
The Journal of Organic Chemistry 2015 80 (1), 174-179

20. A Combined Experimental and Computational Investigation on the Unusual Molecular Mechanism of the Lossen Rearrangement Reaction Activated by Carcinogenic Halogenated Quinones

Guo-Qiang Shan, Ao Yu, Chuan-Fang Zhao, Chun-Hua Huang, Ling-Yan Zhu, and Ben-Zhan Zhu
The Journal of Organic Chemistry 2015 80 (1), 180-189

21. Catalyst-Free Approach to Construct C–C Bond Initiated by N–O Bond Cleavage under Thermal Conditions

Dan-Dan Li, Zhong-Yuan Li, and Guan-Wu Wang
The Journal of Organic Chemistry 2015 80 (1), 190-195

22. Synthesis, Characterization, Physical Properties, and OLED Application of Single BN-Fused Perylene Diimide

Gang Li, Yongbiao Zhao, Junbo Li, Jun Cao, Jia Zhu, Xiao Wei Sun, and Qichun Zhang
The Journal of Organic Chemistry 2015 80 (1), 196-203

23. Asymmetric Hydroformylation-Initiated Tandem Sequences for Syntheses of (+)-Patulolide C, (-)-Pyrenophorol, (+)-Decarestrictine L, and (+)-Prelog Djerassi Lactone

Roberto M. Risi, Andrew M. Maza, and Steven D. Burke
The Journal of Organic Chemistry 2015 80 (1), 204-216

24. Evidence for a Catalytic Six-Membered Cyclic Transition State in Aminolysis of 4-Nitrophenyl 3,5-Dinitrobenzoate in Acetonitrile: Comparative Brønsted-Type Plot, Entropy of Activation, and Deuterium Kinetic Isotope Effects

Ik-Hwan Um, Min-Young Kim, Ae-Ri Bae, Julian M. Dust, and Erwin Buncel
The Journal of Organic Chemistry 2015 80 (1), 217-222

25. Ir(III)-Catalyzed Aromatic C–H Bond Functionalization via Metal Carbene Migratory Insertion

Ying Xia, Zhen Liu, Sheng Feng, Yan Zhang, and Jianbo Wang
The Journal of Organic Chemistry 2015 80 (1), 223-236

26. Symmetrical Imidazolium Chloride Based on (−)-Menthol: Synthesis, Characterization, and Theoretical Model of the Reaction

Joanna Feder-Kubis, Borys Szefczyk, and Maciej Kubicki
The Journal of Organic Chemistry 2015 80 (1), 237-246

27. Formation of 2-Cyano-2-siloxyvinylallenes via Cyanide-Induced Brook Rearrangement in γ-Bromo-α,β,γ,δ-unsaturated Acylsilanes

Masafumi Ando, Michiko Sasaki, Izumi Miyashita, and Kei Takeda
The Journal of Organic Chemistry 2015 80 (1), 247-255

28. Catalytic Oxidative Cyclization of 2'-Arylbenzaldehyde Oxime Ethers under Photoinduced Electron Transfer Conditions

Julie L. Hofstra, Brittany R. Grassbaugh, Quan M. Tran, Nicholas R. Armada, and H. J. Peter de Lijser
The Journal of Organic Chemistry 2015 80 (1), 256-265

29. Formation of an Endoperoxide upon Chromium-Catalyzed Allylic Oxidation of a Triterpene by Oxygen

Abbie Chung, Matthew R. Miner, Kathleen J. Richert, Curtis J. Rieder, and K. A. Woerpel
The Journal of Organic Chemistry 2015 80 (1), 266-273

30. Electroreductive Dimerization of Coumarin and Coumarin Analogues at Carbon Cathodes

Erick M. Pasciak, Jonathan T. Rittichier, Chun-Hsing Chen, Mohammad S. Mubarak, Michael S. VanNieuwenhze, and Dennis G. Peters
The Journal of Organic Chemistry 2015 80 (1), 274-280

31. Biomimetic One-Pot Route to Acridine Epoxides

Margarida Linhares, Susana L. H. Rebelo, Krzysztof Biernacki, Alexandre L. Magalhães, and Cristina Freire
The Journal of Organic Chemistry 2015 80 (1), 281-289

32. Metal-Free Three-Component Oxyazidation of Alkenes with Trimethylsilyl Azide and N-Hydroxyphthalimide

Xiao-Feng Xia, Zhen Gu, Wentao Liu, Haijun Wang, Yongmei Xia, Haiyan Gao, Xiang Liu, and Yong-Min Liang
The Journal of Organic Chemistry 2015 80 (1), 290-295

33. Iron-Catalyzed Regioselective Direct Arylation at the C-3 Position of N-Alkyl-2-pyridone

Atanu Modak, Sujoy Rana, and Debabrata Maiti
The Journal of Organic Chemistry 2015 80 (1), 296-303

34. The Nitrogenous Hamigerans: Unusual Amino Acid-Derivatized Aromatic Diterpenoid Metabolites from the New Zealand Marine Sponge Hamigera tarangaensis

Jonathan D. Dattelbaum, A. Jonathan Singh, Jessica J. Field, John H. Miller, and Peter T. Northcote
The Journal of Organic Chemistry 2015 80 (1), 304-312

35. Development of Chiral Bis-hydrazone Ligands for the Enantioselective Cross-Coupling Reactions of Aryldimethylsilanolates

Scott E. Denmark, Wen-Tau T. Chang, K. N. Houk, and Peng Liu
The Journal of Organic Chemistry 2015 80 (1), 313-366

36. The Palladium-Catalyzed Intermolecular C–H Chalcogenation of Arenes

Renhua Qiu, Vutukuri Prakash Reddy, Takanori Iwasaki, and Nobuaki Kambe
The Journal of Organic Chemistry 2015 80 (1), 367-374

37. Reactivity of C-Amino-1,2,4-triazoles toward Electrophiles: A Combined Computational and Experimental Study of Alkylation by Halogen Alkanes

Victor M. Chernyshev, Anna G. Vlasova, Alexander V. Astakhov, Svitlana V. Shishkina, and Oleg V. Shishkin
The Journal of Organic Chemistry 2015 80 (1), 375-385

38. Palladium-Catalyzed Aminocarbonylation of Alkynes to Succinimides

Huizhen Liu, Genevieve P. S. Lau, and Paul J. Dyson
The Journal of Organic Chemistry 2015 80 (1), 386-391

39. Structure and Photochemistry of a Saccharyl Thiotetrazole

A. Ismael, A. Borba, M. S. C. Henriques, J. A. Paixão, R. Fausto, and M. L. S. Cristiano
The Journal of Organic Chemistry 2015 80 (1), 392-400

40. Development of an Azanoradamantane-Type Nitroxyl Radical Catalyst for Class-Selective Oxidation of Alcohols

Ryuuke Doi, Masatoshi Shibuya, Tsukasa Murayama, Yoshihiko Yamamoto, and Yoshiharu Iwabuchi
The Journal of Organic Chemistry 2015 80 (1), 401-413

41. Sequential One-Pot Synthesis of Tri- and Tetrasubstituted Thiophenes and Fluorescent Push–Pull Thiophene Acrylates Involving (Het)aryl Dithioesters as Thiocarbonyl Precursors

Anand Acharya, G. Parameshwarappa, B. Saraiah, and H. Ila
The Journal of Organic Chemistry 2015 80 (1), 414-427

42. Absolute Configuration and Conformation of Two Fráter–Seebach Alkylation Reaction Products by Film VCD and ECD Spectroscopic Analyses

Mohammad Reza Poopari, Zahra Dezhahang, Ke Shen, Lei Wang, Todd L. Lowary, and Yunjie Xu
The Journal of Organic Chemistry 2015 80 (1), 428-437

43. Formation of Cyclohepta[b]indole Scaffolds via Heck Cyclization: A Strategy for Structural Analogues of Ervatamine Group of Indole Alkaloid

Progyashree Goswami, Arun Jyoti Borah, and Prodeep Phukan
The Journal of Organic Chemistry 2015 80 (1), 438-446

44. Asymmetric Carbamoyl Anion Additions to Chiral N-Phosphonyl Imines via the GAP Chemistry Process and Stereoselectivity Enrichments

Cole W. Seifert, Suresh Pindi, and Guigen Li
The Journal of Organic Chemistry 2015 80 (1), 447-452

45. An Unexpected 2,3-Dihydrofuran Derivative Ring Opening Initiated by Electrophilic Bromination: Scope and Mechanistic Study

Yi Zhao, Ying-Chieh Wong, and Ying-Yeung Yeung
The Journal of Organic Chemistry 2015 80 (1), 453-459

46. Modular Total Syntheses of the Marine-Derived Resorcylic Acid Lactones Cochliomycins A and B Using a Late-Stage Nozaki–Hiyama–Kishi Macrocyclization Reaction

Benoit Bolte, Jose A. Basutto, Christopher S. Bryan, Mary J. Garson, Martin G. Banwell, and Jas S. Ward
The Journal of Organic Chemistry 2015 80 (1), 460-470

47. A Scalable Method for Regioselective 3-Acylation of 2-Substituted Indoles under Basic Conditions

Henrik Johansson, Andoni Urruticoechea, Inna Larsen, and Daniel Sejer Pedersen
The Journal of Organic Chemistry 2015 80 (1), 471-481

48. Palladium-Catalyzed Cascade Reaction of 2-Amino-N'-arylbenzohydrazides with Triethyl Orthobenzoates To Construct Indazolo[3,2-b]quinazolinones

Weiguang Yang, Rui Qiao, Jiuxi Chen, Xiaobo Huang, Miaochang Liu, Wenxia Gao, Jinchang Ding, and Huayue Wu
The Journal of Organic Chemistry 2015 80 (1), 482-489

49. Construction of 2-Pyrone Skeleton via Domino Sequence between 2-Acyl-1-Chlorocyclopropanecarboxylate and Amines

Yuequan Zhu and Yuefa Gong
The Journal of Organic Chemistry 2015 80 (1), 490-498

50. Mono- and Bisquinoline-Annulated Porphyrins from Porphyrin β,β' -Dione Oximes

Joshua Akhigbe, Michael Luciano, Matthias Zeller, and Christian Brückner
The Journal of Organic Chemistry 2015 80 (1), 499-511

51. Enantioselective Construction of Spiro[indoline-3,2'-pyrrole] Framework via Catalytic Asymmetric 1,3-Dipolar Cycloadditions Using Allenes as Equivalents of Alkynes

Cong-Shuai Wang, Ren-Yi Zhu, Jian Zheng, Feng Shi, and Shu-Jiang Tu
The Journal of Organic Chemistry 2015 80 (1), 512-520

52. Effect of Solvent Polarity on Enantioselectivity in Candida Antarctica Lipase B Catalyzed Kinetic Resolution of Primary and Secondary Alcohols

Yuichi Kitamoto, Yosuke Kuruma, Kazumi Suzuki, and Tetsutaro Hattori
The Journal of Organic Chemistry 2015 80 (1), 521-527

53. Evolution of a Unified, Stereodivergent Approach to the Synthesis of Communesin F and Perophoramidine

Seo-Jung Han, Florian Vogt, Jeremy A. May, Shyam Krishnan, Michele Gatti, Scott C. Virgil, and Brian M. Stoltz
The Journal of Organic Chemistry 2015 80 (1), 528-547

54. Activation-Strain Analysis Reveals Unexpected Origin of Fast Reactivity in Heteroaromatic Azadiene Inverse-Electron-Demand Diels–Alder Cycloadditions

Austin Talbot, Deepa Devarajan, Samantha J. Gustafson, Israel Fernández, F. Matthias Bickelhaupt, and Daniel H. Ess
The Journal of Organic Chemistry 2015 80 (1), 548-558

55. Bi(OTf)3-Catalyzed One-Step Catalytic Synthesis of N-Boc or N-Cbz Protected α -Branched Amines

Jaray Jaratjaroonphong, Surisa Tuengpanya, and Sureeporn Ruengsangtongkul
The Journal of Organic Chemistry 2015 80 (1), 559-567

56. Switching of the Triplet Excited State of Rhodamine/Naphthaleneimide Dyads: An Experimental and Theoretical Study

Xiaoneng Cui, Jianzhang Zhao, Zhangrong Lou, Shujing Li, Huijian Wu, and Ke-li Han
The Journal of Organic Chemistry 2015 80 (1), 568-581

57. Soluble Diazaptycenes: Materials for Solution-Processed Organic Electronics

Philipp Biegger, Sebastian Stoltz, Sebastian N. Intorp, Yexiang Zhang, Jens U. Engelhart, Frank Rominger, Kenneth I. Hardcastle, Uli Lemmer, Xuhong Qian, Manuel Hamburger, and U. H. F. Bunz
The Journal of Organic Chemistry 2015 80 (1), 582-589

58. Chiral Brønsted Acid-Catalyzed Stereoselective Mannich-Type Reaction of Azlactones with Aldimines

Eloah P. Ávila, Rodrigo M. S. Justo, Vanessa P. Gonçalves, Adriane A. Pereira, Renata Diniz, and Giovanni W. Amarante
The Journal of Organic Chemistry 2015 80 (1), 590-594

59. Solvent- and Catalyst-Free Synthesis of Nitrogen-Containing Bicycles through Hemiaminal Formation/Diastereoselective Hetero-Diels–Alder Reaction with Diazenes

Laurence Crouillebois, Loïc Pantaine, Jérôme Marrot, Vincent Coeffard, Xavier Moreau, and Christine Greck
The Journal of Organic Chemistry 2015 80 (1), 595-601

60. Application of Bidentate Oxazoline–Carbene Ligands with Planar and Central Chirality in Asymmetric β -Boration of α,β -Unsaturated Esters

Zonghong Niu, Jianqiang Chen, Zhen Chen, Manyuan Ma, Chun Song, and Yudao Ma
The Journal of Organic Chemistry 2015 80 (1), 602-608

61. Radical Cation Salt-Promoted Catalytic Aerobic sp³ C–H Oxidation: Construction of Quinoline-Fused Lactones and Lactams

Yixin Wang, Fangfang Peng, Jing Liu, Congde Huo, Xicun Wang, and Xiaodong Jia
The Journal of Organic Chemistry 2015 80 (1), 609-614

62. A Minute Amount of S-Puckered Sugars Is Sufficient for (6-4) Photoproduct Formation at the Dinucleotide Level

Céline Moriou, Clément Denhez, Oleksandr Plashkevych, Stéphanie Coantic-Castex, Jyoti Chattopadhyaya, Dominique Guillaume, and Pascale Clivio
The Journal of Organic Chemistry 2015 80 (1), 615-619

63. Rh(III)-Catalyzed Oxidative Coupling of Benzoic Acids with Geminal-Substituted Vinyl Acetates: Synthesis of 3-Substituted Isocoumarins

Mingliang Zhang, Hui-Jun Zhang, Tiantian Han, Wenqing Ruan, and Ting-Bin Wen
The Journal of Organic Chemistry 2015 80 (1), 620-627

64. Synthesis of α -Methylene- β -Lactams via PPh₃-Catalyzed Umpolung Cyclization of Propiolamides

Lin Zhu, Yan Xiong, and Chaozhong Li
The Journal of Organic Chemistry 2015 80 (1), 628-633

65. Preparation of 3-Sulfonylated 3,3-Disubstituted Oxindoles by the Addition of Sulfinate Salts to 3-Halooxindoles

Jian Zuo, Zhi-Jun Wu, Jian-Qiang Zhao, Ming-Qiang Zhou, Xiao-Ying Xu, Xiao-Mei Zhang, and Wei-Cheng Yuan
The Journal of Organic Chemistry 2015 80 (1), 634-640

66. Synthesis of 2,3-Dihydro-1H-2-benzazepin-1-ones and 3H-2-Benzoxepin-1-ones by Isocyanide-Based Multicomponent Reaction/Wittig Sequence Starting from Phosphonium Salt Precursors

Long Wang, Zhi-Lin Ren, and Ming-Wu Ding
The Journal of Organic Chemistry 2015 80 (1), 641-646

67. Synthesis of Terminal Allenes through Copper-Mediated Cross-Coupling of Ethyne with N-Tosylhydrazones or α -Diazoesters

Fei Ye, Chengpeng Wang, Xiaoshen Ma, Mohammad Lokman Hossain, Ying Xia, Yan Zhang, and Jianbo Wang
The Journal of Organic Chemistry 2015 80 (1), 647-652

68. Stereoselective Synthesis of Hexahydro-1H-spiro[isoquinoline-4,4'-pyran] Scaffolds through an Intramolecular Prins Cascade Process

B. V. Subba Reddy, Durgaprasad Medaboina, and B. Sridhar
The Journal of Organic Chemistry 2015 80 (1), 653-660

69. Iridium-Catalyzed Borylation of Pyrene: Irreversibility and the Influence of Ligand on Selectivity

Lei Ji, Katharina Fucke, Shubhankar Kumar Bose, and Todd B. Marder
The Journal of Organic Chemistry 2015 80 (1), 661-665

70. Radical-Induced Metal and Solvent-Free Cross-Coupling Using TBAI-TBHP: Oxidative Amidation of Aldehydes and Alcohols with N-Chloramines via C-H Activation

Tapas Kumar Achar and Prasenjit Mal
The Journal of Organic Chemistry 2015 80 (1), 666-672

71. α -Allenyl Ethers as Starting Materials for Palladium Catalyzed Suzuki–Miyaura Couplings of Allenylphosphine Oxides with Arylboronic Acids

Yao-Zhong Chen, Ling Zhang, Ai-Min Lu, Fang Yang, and Lei Wu
The Journal of Organic Chemistry 2015 80 (1), 673-680

72. Step-Economical Synthesis of the Marine Ascidian Antibiotics Cadiolide A, B, and D

John Boukouvalas and Charles Thibault
The Journal of Organic Chemistry 2015 80 (1), 681-684

73. Experimental and Computational Studies of the Diastereoselective Alkylations of 3-Substituted γ -Sultams

Benjamin P. Fauber, Kyle Clagg, Paul Gibbons, and Olivier René
The Journal of Organic Chemistry 2015 80 (1), 685-689

74. Catalytic C–H Allylation and Benzylation of Pyrazoles

Seri Bae, Ha-Lim Jang, Haeun Jung, and Jung Min Joo
The Journal of Organic Chemistry 2015 80 (1), 690-697

75. Iron-Catalyzed Acylation-Oxygenation of Terminal Alkenes for the Synthesis of Dihydrofurans Bearing a Quaternary Carbon

Leiyang Lv, Shenglin Lu, Qiaoxia Guo, Baojian Shen, and Zhiping Li
The Journal of Organic Chemistry 2015 80 (1), 698-704