

Publication List

Nov 6, 2018

- 1) T. Suzuki*, T. Yanagisawa, K. Tanino*
“An Intermolecular [4+3] Cycloaddition Reaction Using 3-Hydroxy-2-pyrone Derivatives with an Oxyallyl Cation”
Heterocycles, **99**, accepted.
- 2) T. Suzuki*, S. Watanabe, M. Uyanik, K. Ishihara, S. Kobayashi, K. Tanino*
“Asymmetric Total Synthesis of (–)-Maldoxin, a Common Biosynthetic Ancestor of the Chloropupekeananin Family”
Organic Letters, **20**, 3919-3922 (2018).
- 3) T. Suzuki*
“Enantioselective Total Synthesis of (+)-Iso-A82775C”
Journal of Synthetic Organic Chemistry, Japan, **76**, 462-465 (2018).
- 4) T. Suzuki*, M. Fujimura, K. Fujita, S. Kobayashi*
“Total Synthesis of (+)-Methynolide using a Ti-mediated Aldol Reaction of a Lactyl-bearing Oxazolidin-2-one, and a Vinylogous Mukaiyama Aldol Reaction”
Tetrahedron, **73**, 3652-3659 (2017).
- 5) T. Suzuki*, S. Watanabe, S. Kobayashi, K. Tanino*
“Enantioselective Total Synthesis of (+)-Iso-A82775C, a Proposed Biosynthetic Precursor of Chloropupekeananin”
Organic Letters, **19**, 922-925 (2017).
- 6) S. Nishikori, K. Takemoto, S. Kamisuki, S. Nakajima, K. Kuramochi, S. Tsukuda, M. Iwamoto, Y. Katayama, T. Suzuki, S. Kobayashi, K. Watashi, F. Sugawara*
“Anti-hepatitis C Virus Natural Product from a Fungus, *Penicillium herqueti*”
Journal of Natural Products, **79**, 442-446 (2016).
- 7) K. Usui, T. Suzuki, M. Nakada*
“A Highly Stereoselective Intramolecular Diels–Alder Reaction for Construction of the AB Ring Moiety of Bruceantin”
Tetrahedron Letters 2015, **56**, 1247-1251.
- 8) N. Takanashi, K. Tamura, T. Suzuki*, A. Nakazaki, S. Kobayashi*
“Synthetic Study of Spiroiridal Triterpenoids: Construction of Functionalized Spiro[4.5]decane Skeleton using Claisen Rearrangement of 2-(Alkenyl)dihydropyran”
Tetrahedron Letters, **56**, 327-330 (2015).
- 9) K. Takakusagi, Y. Takakusagi*, T. Suzuki, A. Toizaki, A. Suzuki, Y. Kawakatsu, M. Watanabe, Y. Saito, R. Fukuda, A. Nakazaki, S. Kobayashi, K. Sakaguchi, F. Sugawara*
“Multimodal Biopanning of T7 Phage-displayed Peptide Reveals Angiomotin as a Potential Receptor of an Anti-angiogenic Macrolide Roxithromycin”
European Journal of Medicinal Chemistry, **90**, 809-821 (2015).
- 10) T. Suzuki*, H. Okuyama, A. Takano, S. Suzuki, I. Shimizu, S. Kobayashi*

- “Synthesis of Dibarrelane, a Dibicyclo[2.2.2]octane Hydrocarbon”
The Journal of Organic Chemistry, **79**, 2803-2808 (2014).
- 11) S. Shimura, M. Ishima, S. Nakajima, T. Fujii, N. Himeno, K. Ikeda, J. Izaguirre-Carbonell, H. Murata, T. Takeuchi, S. Kamisuki, T. Suzuki, K. Kuramochi, K. Watashi, S. Kobayashi, F. Sugawara*
“Total Synthesis and Anti-Hepatitis C Virus Activity of MA026”
Journal of the American Chemical Society, **135**, 18949-18956 (2013).
- 12) A. Nakazaki*, K. Iwakiri, T. Hirano, T. Suzuki, S. Kobayashi*
“Deprotection of the Methoxymethyl (MOM) Group on 3-Spiro-2-oxindole under Basic Conditions”
Chemical & Pharmaceutical Bulletin, **61**, 587-591 (2013).
- 13) T. Suzuki*, Y. Miyajima, K. Suzuki, K. Iwakiri, M. Koshimizu, G. Hirai, M. Sodeoka, S. Kobayashi*
“Unexpected Diels-Alder/Carbonyl-ene Cascade toward the Biomimetic Synthesis of Chloropupukeananin”
Organic Letters, **15**, 1748-1751 (2013).
- 14) R. Tanaka, K. Ohishi, N. Takanashi, T. Nagano, H. Suizu, T. Suzuki, S. Kobayashi*
“Synthetic Study of Pyrrocidines; First Entry to the Decahydrofluorene Core of Pyrrocidines”
Organic Letters, **14**, 4886-4889 (2012).
- 15) K. Fujita, R. Matsui, T. Suzuki, S. Kobayashi*
“Concise Total Synthesis of (–)-Myxalamide A”
Angewandte Chemie, Int. Ed., **51**, 7271-7274 (2012).
- 16) E. Nozaki, M. Gotoh, R. Tanaka, M. Kato, T. Suzuki, A. Nakazaki, H. Hotta, S. Kobayashi, K. Murakami-Murofushi*
“Pharmacological Evaluation of a Novel Cyclic Phosphatidic Acid Derivative 3-S-cyclic Phosphatidic Acid (3-S-cPA)”
Bioorganic & Medicinal Chemistry, **20**, 3196-3201 (2012).
- 17) H. Hosoi, N. Kawai, H. Hagiwara, T. Suzuki, A. Nakazaki, K.-i. Takao, K. Umezawa, S. Kobayashi*
“Determination of the Absolute Structure of (+)-Akaterpin”
Chemical & Pharmaceutical Bulletin, **60**, 137-143 (2012).
- 18) T. Suzuki, A. Sasaki, N. Egashira, S. Kobayashi*
“A Synthetic Study of Atropurpuran: Construction of a Pentacyclic Framework by an Intramolecular Reverse-Electron-Demand Diels-Alder Reaction”
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- 19) H. Hosoi, N. Kawai, H. Hagiwara, T. Suzuki, A. Nakazaki, K.-i. Takao, K. Umezawa, S. Kobayashi*
“Synthesis and Determination of the Relative Structure of Akaterpin, a Potent Inhibitor of PI-PLC”
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- 20) R. Tanaka, M. Kato, T. Suzuki, A. Nakazaki, E. Nozaki, M. Gotoh, K. Murakami-Murofushi*, S. Kobayashi*
“Efficient Synthesis of 3-O-thia-cPA and Preliminary Analysis of its Biological Activity toward Autotaxin”
Bioorganic & Medicinal Chemistry Letters, **21**, 4180-4182 (2011).
- 21) T. Nakajima, D. Yamashita, K. Suzuki, A. Nakazaki, T. Suzuki, S. Kobayashi*
“Different Modes of Cyclization in Zoanthamine Alkaloid System, Bisaminal versus Spiroketal Formation”
Organic Letters, **13**, 2980-2983 (2011).
- 22) N. Tanaka-Suzuki, T. Suzuki, T. Matsumura, Y. Hosoya, T. Nakazato, M. Nakada*

- “Enantioselective Total Synthesis of (-)-FR182877”
Journal of Synthetic Organic Chemistry, Japan, **69**, 646-660 (2011).
- 23) Y. Iwasaki, R. Matsui, T. Suzuki, A. Nakazaki, S. Kobayashi*
“Stereoselective Vinylogous Mukaiyama Aldol Reaction of α -Haloenals”
Chemical & Pharmaceutical Bulletin, **59**, 522-524 (2011).
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- 26) Y. Sato, K. Kuramochi, T. Suzuki, A. Nakazaki, S. Kobayashi*
“The Second Generation Synthesis of (+)-Pseudodeflectusin”
Tetrahedron Letters, **52**, 626-629 (2011).
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“Total Synthesis of (+)-Nafuredin- γ Using a Highly Stereoselective Ti-mediated Aldol Reaction”
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- 28) R. Matsui, K. Seto, K. Fujita, T. Suzuki, A. Nakazaki, S. Kobayashi*
“Unusual *E*-Selective Ring-closing Metathesis to Form Eight-Membered Rings”
Angewandte Chemie, Int. Ed., **49**, 10068-10073 (2010).
- 29) T. Suzuki, S. Kobayashi*
“Concise Approach to Pupukeanane Skeleton: Synthetic Study of Chloropupukeanin”
Organic Letters, **12**, 2920-2923 (2010).
- 30) K. Tsuboi, T. Nakamura, T. Suzuki, A. Nakazaki, S. Kobayashi*
“Second-generation Total Synthesis of (-)-Diversifolin”
Tetrahedron Letters, **51**, 1876-1879 (2010).
- 31) S. Yamakoshi, N. Hayashi, T. Suzuki, M. Nakada*
“Asymmetric Total Synthesis of (+)-Carneic Acid A and Structure Revision of its Natural Form”
Tetrahedron Letters, **50**, 5372-5375 (2009).
- 32) K. C. Nicolaou*, S. M. Dalby, S. Li, T. Suzuki, D. Y.-K. Chen*
“Total Synthesis of (+)-Haplophytine”
Angewandte Chemie, Int. Ed., **48**, 7616-7620 (2009).
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Angewandte Chemie, Int. Ed., **48**, 2580-2583 (2009).
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Tetrahedron, **65**, 888-895 (2009).

- 35) M. Inoue, T. Suzuki, A. Kinoshita, M. Nakada*
“Catalytic Asymmetric Nozaki-Hiyama Reactions with a Tridentate Bis(oxazoliny)carbazole Ligand”
The Chemical Records, **8**, 169-181 (2008).
- 36) K. C. Nicolaou*, M. O. Frederick, A. C. B. Burtoloso, R. M. Denton, F. Rivas, K. P. Cole, R. J. Aversa, R. Gibe, T. Umezawa, T. Suzuki
“Chemical Synthesis of the GHIJKLMNO Ring System of Maitotoxin”
Journal of the American Chemical Society, **130**, 7466-7476 (2008).
- 37) T. Suzuki, N. Tanaka, T. Matsumura, Y. Hosoya, M. Nakada*
“Synthetic Studies on (-)-FR182877: Construction of the ABCD Ring System via the Intramolecular Cycloadditions (1)”
Tetrahedron Letters, **48**, 6483-6487 (2007).
- 38) N. Tanaka, T. Suzuki, Y. Hosoya, M. Nakada*
“Synthetic Studies on (-)-FR182877: Construction of the ABCD Ring System via the Intramolecular Cycloadditions (2)”
Tetrahedron Letters, **48**, 6488-6492 (2007).
- 39) T. Suzuki, N. Tanaka, T. Matsumura, Y. Hosoya, M. Nakada*
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Tetrahedron Letters, **47**, 1593-1598 (2006).
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- 42) M. Inoue, T. Suzuki, M. Nakada*
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Journal of the American Chemical Society, **125**, 1140-1141 (2003).
- 43) T. Suzuki, M. Nakada*
“Synthetic Studies on FR182877: an Asymmetric Synthesis of the AB Ring Moiety of FR182877 via a Diastereoselective Intramolecular Diels-Alder Reaction”
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