

HETEROCYCLES, Vol. 80, No. 1, 2010, pp. 45 - 62. © The Japan Institute of Heterocyclic Chemistry  
DOI: 10.3987/COM-09-S(S)Publications

## List of Publications by Akira Suzuki (1967-2008)

(Only publications concerned with the organoborane chemistry)

- 1) "Configurational Assignments for the 4-Caranols and 4-Caranones. An Unusual Stability of 4-Isocaranone with a *cis*-Relationship of the Methyl and *gem*-Dimethyl Groups"  
H. C. Brown and A. Suzuki, *J. Am. Chem. Soc.*, **1967**, *89*, 1933
- 2) "A Facile Reaction of Organoboranes with Methyl Vinyl Ketone. A Convenient New Ketone Synthesis via Hydroboration"  
A. Suzuki, A. Arase, H. Matsumoto, M. Itoh, H. C. Brown, M. M. Rogic, and M. W. Rathke, *J. Am. Chem. Soc.*, **1967**, *89*, 5708
- 3) "Isomerization of 2-Pentene to the 1-Isomer via Hydroboration"  
M. Itoh, A. Arase, K. Suzuki, and A. Suzuki, *Kogyo Kagaku Zasshi* (Japanese), **1968**, *71*, 1653
- 4) "Hydroboration of Enol Acetates Derived from Aldehydes"  
A. Suzuki, K. Ohmori, H. Takenaka, and M. Itoh, *Tetrahedron Lett.*, **1968**, 4937
- 5) "On Selective Hydroboration of Styrene with Dialkoxyborane"  
A. Suzuki, M. Yamamoto, S. Sono, and M. Itoh, *Kogyo Kagaku Zasshi* (Japanese), **1969**, *72*, 804
- 6) "Recent Progress of Hydroboration" (Review)  
A. Suzuki, *Yu Kagaku* (Japanese), **1969**, *18*, 285
- 7) "The Hydroboration of Enol Acetates Derived from Aliphatic Ketones"  
A. Suzuki, K. Ohmori, and M. Itoh, *Tetrahedron*, **1969**, *25*, 3707
- 8) "Isomerization of (+)-Sabinene to (-)- $\alpha$ -Thujene"  
S. P. Acharya, H. C. Brown, A. Suzuki, S. Nozawa, and M. Itoh, *J. Org. Chem.*, **1969**, *34*, 3015
- 9) "Reaction of Organoboranes with Methoxycarbene, and Reaction of Dichloromethyl Methyl Ether with At-Complexes Obtained from Organoboranes and Methylolithium"  
A. Suzuki, S. Nozawa, N. Miyaura, M. Itoh, H. C. Brown, *Tetrahedron Lett.*, **1969**, 2955
- 10) "Reaction of the Cyclic Organoboranes from Dienes with Methyl Vinyl Ketone. A Convenient Synthesis of  $\omega$ -Hydroxy-ketones from Dienes via Hydroboration"  
A. Suzuki, S. Nozawa, M. Itoh, H. C. Brown, E. Negishi, and S. K. Gupta, *J. Chem. Soc., Chemical Commun.*, **1969**, 1009
- 11) "Inhibition of the Reaction of Organoboranes with  $\alpha,\beta$ -Unsaturated Carbonyl Derivatives by Galvinoxyl. Evidence for a Free-Radical Chain Mechanism"  
G. W. Kabalka, H. C. Brown, A. Suzuki, S. Homma, A. Arase, and M. Itoh, *J. Am. Chem. Soc.*, **1970**, *92*, 710
- 12) "Organic Synthesis Using Organoboranes" (Review)  
A. Suzuki, *Kagaku-no-Ryoueki* (Zoukan) (Japanese), **1970**, *89*, 213
- 13) "Hydroboration and the Chemistry of Organoboranes" (Review)  
A. Suzuki, *J. Syn. Org. Chem. Jpn.*, (Japanese), **1970**, *28*, 288

- 14) "Thermal Isomerization of Alkylboranes in Different Solvents"  
A. Arase, K. Kihara, Y. Masuda, M. Itoh, and A. Suzuki, *Kogyo Kagaku Zasshi* (Japanese), **1970**, *73*, 1155
- 15) "Oxygen-Induced Reactions of Organoboranes with Acetylacetylene. A Convenient New Synthesis of  $\alpha,\beta$ -Unsaturated Ketones via Hydroboration"  
A. Suzuki, S. Nozawa, M. Itoh, H. C. Brown, G. W. Kabalka, and G. W. Holland, *J. Am. Chem. Soc.*, **1970**, *92*, 3503
- 16) "Reaction of Organoboranes with  $\alpha,\beta$ -Unsaturated Carbonyl Compounds"  
A. Suzuki and M. Itoh, *Kougakubu-Houkoku* (Japanese), **1971**, *60*, 45
- 17) "Isomerization of *n*-Hexadienes into 1,4-Hexadiene via Hydroboration"  
A. Suzuki, H. Akihara, and M. Itoh, *Kogyo Kagaku Zasshi* (Japanese), **1971**, *74*, 1152
- 18) "An Oxygen-Induced Reaction of Trialkylboranes with Alkyl Iodides. A Facile Coupling of Benzylic and Allylic Iodides via Triethylborane"  
A. Suzuki, S. Nozawa, M. Harada, M. Itoh, H. C. Brown, and M. M. Midland, *J. Am. Chem. Soc.*, **1971**, *93*, 1508
- 19) "Reaction of Organoboranes with  $\alpha$ -Lithium Furan"  
A. Suzuki, N. Miyaura, and M. Itoh, *Tetrahedron*, **1971**, *27*, 2775
- 20) "Thermal Decomposition of Trialkylboranes in Dimethyl Sulfoxide Solution"  
A. Arase, Y. Masuda, M. Ito, M. Itoh, and A. Suzuki, *Kogyo Kagaku Zasshi* (Japanese), **1971**, *74*, 1416
- 21) "A New Four-Carbon-Atom Homologation Involving the Free-Radical Chain Reaction of 1,3-Butadiene Monoxide with Organoboranes. Synthesis of 4-Alkyl-2-buten-1-ols from Olefins via Hydroboration"  
A. Suzuki, N. Miyaura, M. Itoh, H. C. Brown, G. W. Holland, and E. Negishi, *J. Am. Chem. Soc.*, **1971**, *93*, 2792
- 22) "Displacement Reaction of Tripropylborane with 1-Dodecene at High Temperature without Solvent"  
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- 23) "The Reaction of Representative Organic Azides with Triethylborane. A New Route to Secondary Amines"  
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- 24) "New Organic Synthesis by Means of Organoboranes - Mainly on Radical Reactions" (Review)  
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- 25) "Thermal Decomposition of Trialkylboranes in the Presence of Polar Compounds"  
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T. Ohtaki, H. Ozaki, N. Yata, M. Itoh, and A. Suzuki, *J. Chem. Soc. Jpn.*, (Japanese), **1972**, 934

- 27) "Two Novel Reactions of Monomeric Formaldehyde with Trialkylboranes. A Remarkably Rapid Elimination Diverted by Oxygen to a Free-Radical Chain Addition"  
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- 28) "The Chemistry of the Carboranes" (Review)  
A. Suzuki, *Kagakuno-Ryoueki*, (Japanese), **1973**, *27*, 29
- 29) "The Oxygen-Induced Reaction of Organoboranes with 3,4-Epoxy-1-butyne. A New Route to Functionalized Allenes"  
A. Suzuki, N. Miyaura, M. Itoh, H. C. Brown, and P. Jacob, III, *Synthesis*, **1973**, 305
- 30) "A Convenient and General Synthesis of Acetylenes via the Reaction of Iodine with Lithium 1-Alkynyltriorganoborates"  
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A. Suzuki, *Kagaku*, (Japanese), **1973**, *28*, 551
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N. Miyaura, M. Kashiwagi, M. Itoh, and A. Suzuki, *Chem. Lett.*, **1974**, 395
- 35) "New Organic Syntheses Using Organoboranes"  
A. Suzuki, *Asahi-Garasu Reports*, **1973**, *22*, 243
- 36) "A New Quantitative Determination of Olefins by Hydroboration-Methanolysis Method"  
H. Ozaki, T. Ohtaki, M. Makita, and A. Suzuki, *Nippon Kagaku Kaishi*, (Japanese), **1974**, 287
- 37) "Reaction of Lithium Alkynyltrialkylborates with Propionic Acid. General and Convenient Synthesis of Internal and Terminal Olefins Using Organoboranes"  
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K. Yamada, N. Miyaura, M. Itoh, and A. Suzuki, *Tetrahedron Lett.*, **1975**, 1961
- 44) "A Novel Synthesis of Aliphatic Nitriles from Organoboranes by Electrochemical Reaction"  
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- 45) "A Facile Reaction of Trialkylboranes with  $\alpha$ -Azidostyrene. A Convenient and General Synthesis of Alkyl Aryl Ketones via Hydroboration"  
A. Suzuki, M. Tabata, and M. Ueda, *Tetrahedron Lett.*, **1975**, 2195
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- 47) "Synthesis of Functionalized Organic Compounds Employing Organoboranes" (Review)  
A. Suzuki, *Kagaku*, (Japanese), **1975**, 30, 919
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- 49) "Syntheses of Organoboron Compounds and their Physical Property" (Review)  
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- 52) "The Coupling Reaction of Copper(I) Methyltrialkylborates with Benzyl Bromides. A Convenient Synthesis of Alkylbenzenes from Organoboranes"  
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- 57) "Facile Electrochemical Alkylation of 1-Alkynes with Organoboranes"  
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- 58) "Synthesis of 10-Hydroxy-2-decenoic Acid (Royal Jelly Acid) from the Butadiene Telomer"  
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- 59) "Reaction of Copper(I) Methyltrialkylborates with Ethyl  $\beta$ -Bromoacrylates. Stereospecific Syntheses of (E)- and (Z)- $\alpha,\beta$ -Unsaturated Acid Esters from Organoboranes"  
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- 62) "Boron and Organic Synthesis" (Review)  
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- 64) "Electrochemical Reaction of Trialkylboranes with Acetone"  
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- 66) "New Organic Synthesis Using Organoboranes. Carbon-Carbon Bond Formation Reactions, Mainly Using Tetracoordinate Organoboranes" (Review)  
A. Suzuki, *KouGakubu Houkoku*, (Japanese), **1978**, 91, 43
- 67) "The Reaction of Copper(I) Methyltrialkylborates with 1-(1-Pyrrolidinyl)-6-chloro-1-cyclohexene"  
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- 75) "Stereoselective Synthesis of Arylated (E)-Alkenes by the Reaction of 1-Alkenylboranes with Aryl Halides in the Presence of Palladium Catalyst"  
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- 77) "The Synthesis of Methoxycyclopropanes via the Treatment of Ate-Complexes Obtained from B-Alkyl-9-BBN Derivatives and Lithium Methoxyallene with Acetic Acid"  
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- 95) "Organoborates in New Synthetic Reactions" (Review)  
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