

Jaesook Yun

Professor

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Education

1989-1993 B.S. Seoul National University, Korea
1993-1995 M.S. Seoul National University, Korea (Professor. Eun Lee)
1996-2001 Ph.D. MIT, USA (Professor Stephen L. Buchwald)

Academic Careers

2001-2002 Postdoctoral Fellow, Department of Chemistry, California Institute of Technology, USA (Professor Robert H. Grubbs)
2002-2005 Assistant Professor, Department of Chemistry, Ajou University, Korea
2005-2012 Assistant, Associate Professor, Department of Chemistry, Sungkyunkwan University, Korea
2012-present Professor, Department of Chemistry, Sungkyunkwan University, Korea

Awards

- 2016 Organic Chemistry Division Award for Excellent research (Sehi Jang Award)
- 2015 KSOS (Korean Society of Organic Synthesis) Young Scientist Award
- 2012 Asian Core Program Lectureship Award
- 2010 Solvias Award (Ligand Contest, first prize)
- 2010 Thieme Chemistry Journals Award
- 2008 Sungkyunkwan Young Fellowship
- 2000 Bristol-Myers Squibb Graduate Fellowship, 2000-2001

Representative Publications

1. Jang, W. J.; Song, S. M.; Moon, J. H.; Lee, J. Y.; Yun, J.* "Copper-Catalyzed Enantioselective Hydroboration of Unactivated 1,1-Disubstituted Alkenes" *J. Am. Chem. Soc.* **2017**, *139*, 13660–13663.
2. Kim, N.; Han, J. T.; Ryu, D. H.; Yun, J.* "Copper-Catalyzed Asymmetric Boryllallylation of Vinyl Arenes" *Org. Lett.* **2017**, *19*, 6144–6147.
3. Han, J. T.; Jang, W. J.; Kim, N.; Yun, J.* "Asymmetric Synthesis of Borylalkanes via Copper-Catalyzed Enantioselective Hydroallylation" *J. Am. Chem. Soc.* **2016**, *138*, 15146–15149.
4. Lee, H.; Han, J. T.; Yun, J.* "Copper-Catalyzed Asymmetric Borylative Ring Opening of Diazabicycles" *ACS Catal.* **2016**, *6*, 6487–6490.
5. Feng, X.; Jeon, H.; Yun, J. Regio- and Enantioselective Copper(I)-catalyzed Hydroboration of Borylalkenes: Asymmetric Synthesis of 1,1-Diborylalkanes, *Angew. Chem. Int. Ed.* **2013**, *52*, 3989–3992.