

*Reactions Set up in Sequence Open New,
Save Lots*

Prof. Masahiro Murakami

Kyoto University (Japan)

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Education

1975 - 1979: B. Sc. at The University of Tokyo

1979 - 1981: M. Sc. at The University of Tokyo

1981 - 1984: D. Sc. at The University of Tokyo (Prof. Teruaki Mukaiyama)

1991 - 1992: Postdoctoral Fellow at ETH Zürich, Switzerland (Prof. Albert Eschenmoser)

Academic Career

1984 - 1987: Assistant at The University of Tokyo

1987 - 1993: Assistant at Kyoto University

1993 - 2001: Associate Professor at Kyoto University

2002 - present: Professor at Kyoto University



Research Interests

Prof. Murakami's current research interest is directed toward the exploitation of photoreaction in conjunction with the transition metal catalysis. He has shown an interesting example of the chemical utilization of solar energy for CO₂ incorporation (Angew. Chem. Int. Ed., 2012, 51, 11750). The new sequential process demonstrates a possibility to efficiently convert solar energy to chemical energy.

Awards

Humboldt-Forschungspreis (2013)

Synthetic Organic Chemistry Award, Japan (2013)

Nagoya Silver Medal (2008)

The Chemical Society of Japan Award for Creative Work (2004)

The Chemical Society of Japan Award for Young Chemists (1989)