Enamine and Brønsted Acid Catalysis -
Intermediates Trapped by NMR

Prof. Dr. Ruth M. Gschwind
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Professional career

Ruth Gschwind was born in Munich, Germany. She graduated in Chemistry (1994) and received her Ph.D. (1997) from the Technical University of Munich (Thesis Director: Prof. H. Kessler). She started her Habilitation (assistant professor) at the University of Marburg in 1997, joined the Faculty at the University of Bonn as Associate Professor in 2002, and moved to the University of Regensburg as a Professor in Organic Chemistry in 2005. She was a visiting professor at INSA/IRCOF at the university of Rouen in 1999 and 2000 and board member of the Liebig Vereinigung of the GDCh 2008-2011. Her research interest comprises the structural and mechanistic understanding and optimization of catalytic systems and of organometallic and bioorganic supramolecular complexes using NMR spectroscopy as main method. Her current research interests include the detection, structural characterization and mechanistic investigation of intermediates and catalytic complexes in organocatalytic reactions and organocopper catalyses. In addition, the hydrogen bond pattern of pharmacological active ligands in bioorganic complexes is in the focus of her research interests.

Selected Publications