

Palladium-catalyzed functionalization of unactivated C(sp³)-H bonds

Prof. Olivier Baudoin

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Olivier Baudoin grew up in Bordeaux and studied chemistry at the Ecole Nationale Supérieure de Chimie de Paris (ENSCP, 1995). He completed his PhD in 1998 in the group of Jean-Marie Lehn in Paris on the synthesis and study of cyclo-bisintercaland molecules.

He then worked as a post-doctoral fellow with K. C. Nicolaou in the Scripps Research Institute (La Jolla). He joined the Institut de Chimie des Substances Naturelles in 1999 as a CNRS researcher and obtained his Habilitation diploma in 2004. In 2006, he was appointed Associate Professor at University Lyon 1. His recent research focused on the synthesis of chiral antimicrotubule biaryls by atroposelective Suzuki-Miyaura couplings and on the functionalization of alkyl groups by palladium-catalyzed C-H activation. He was the recipient of the CNRS Bronze Medal in 2005 and the Claude Dufour Prize in 2007, and was nominated as a junior member of the Institut Universitaire de France in 2009.