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ABOUT THE AUTHOR

Corey M. Reeves was born in Santa Monica, CA, USA. Corey obtained a BS in Chemistry and BA in Sociology from Columbia University in New York City in 2010. During this time, he completed undergraduate research under the guidance of Prof. Tristan Lambert.

In 2010, he began doctoral studies at the California Institute of Technology, working in the laboratory of Prof. Brian Stoltz in the field of synthetic methods development. During his time in the Stoltz laboratory, Corey's work in reaction methodology began with the development of a palladium-catalyzed allylic alkylation reaction of cyclobutanones. Following this he helped to develop an iridium-catalyzed regio-, diastereo-, and enantioselective allylic alkylation of cyclic and acyclic β -ketoester. Corey went on to develop a novel class of carboxylate protected enolate, and demonstrated their application in palladium catalyzed allylic alkylation and arylation. This compound class was also used in sequence with the iridium catalyzed allylic alkylation to afford control over nascent vicinal stereocenters. Lastly, Corey worked on the total synthesis of the natural product lingzhiol.

Upon completion of his doctoral research in the summer of 2015, Corey will begin work in the medicinal chemistry division of Amgen Pharmaceuticals in Thousand Oaks, CA.