



Matthew Burk, Ph.D.
Chemist V



Dr. Matthew Burk obtained his BS in chemistry from Indiana University, Bloomington where he performed undergraduate research under Prof. P. Andrew Evans. His graduate studies were carried out under Prof. Scott E. Denmark at the University of Illinois, Urbana-Champaign where his research focused on enantioselective Lewis base catalysis, with a particular emphasis on the application of Lewis base catalysis to enantioselective halogenation. These studies provided him with a strong background in the development and optimization of organic reactions, including the use of reaction kinetics and other physical organic tools to aid in reaction development and understanding. After the completion of his Ph.D., Dr. Burk carried out post-doctoral studies under Prof. Seth B. Herzon at Yale University, where he worked toward the total synthesis of Lomaiviticin A. These studies have provided him with vital experience in multi-step organic synthesis.