

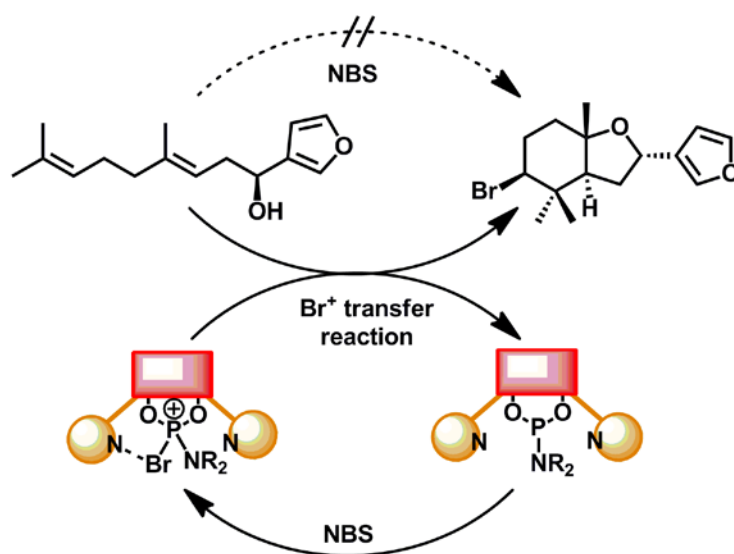
Catalysis for Synthesis Part 2: Catalytic Bromination

Christopher S. P. McErlean

*School of Chemistry
University of Sydney
christopher.mcerlean@sydney.edu.au*

ABSTRACT

This seminar will detail some recent efforts by the McErlean Research Group to achieve catalytic bromination reactions for applications in total synthesis. The design and synthesis of a novel class of nucleophilic catalysts that facilitate bromonium transfer reactions will be discussed in the setting of the total synthesis of several members of the synderane family of marine natural products.



1. Carl Recsei, Christopher S. P. McErlean, *Aus. J. Chem.* (2015) 68, 555–565.
2. Carl Recsei, Bun Chan, Christopher S. P. McErlean, *J. Org. Chem.* (2014) 79, 880–887.