

Special Seminar

9:45 a.m. Tuesday, March 11, 2014 • 331 Smith Hall



Assistant Professor

Mitchell Croatt

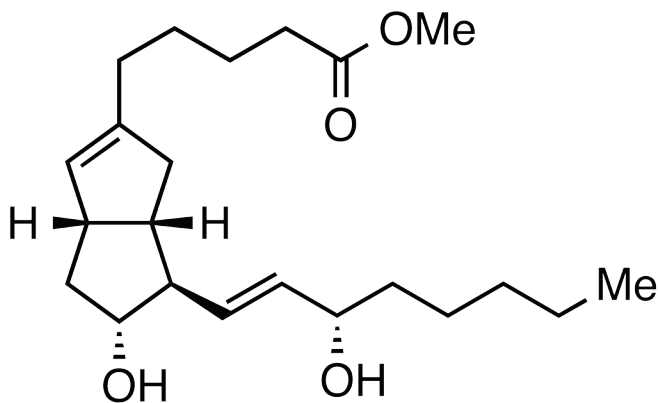
Department of Chemistry and Biochemistry
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Discovery, Design, and Desperation: Three Excellent Tools for New Reactions

Research interests: design and development of new reactions that provide core structures of medicinal leads utilizing either novel access to reactive intermediates or unexplored cycloaddition components.

Website: <http://www.uncg.edu/che/faculty/croatt/index.html>

The design and development of new reactions is essential to the continued evolution of synthetic organic chemistry. My research group is specifically focusing on new reactions that add significant molecular complexity to a molecule while also allowing for previously unimagined retrosynthetic disconnections. Toward this end, some of our results dealing with the reactions of alkynes and azides that do not proceed via the typical "Click Chemistry" pathway will be presented. My group's synthesis of Clinprost, which involved a new reaction from desperation, will also be covered.



Clinprost

Host: Thomas Hoye