



Apr 14th, 9:00 AM - 10:00 AM

Optimization of Ring-Opening Reactions of 4-Substituted Oxazolidinones Using Primary and Secondary Alcohols

Michael Conte, '07

Illinois Wesleyan University

Jeffrey Frick, Faculty Advisor

Illinois Wesleyan University

Follow this and additional works at: <http://digitalcommons.iwu.edu/jwprc>

Michael Conte, '07 and Jeffrey Frick, Faculty Advisor, "Optimization of Ring-Opening Reactions of 4-Substituted Oxazolidinones Using Primary and Secondary Alcohols" (April 14, 2007). *John Wesley Powell Student Research Conference*. Paper 11.

<http://digitalcommons.iwu.edu/jwprc/2007/posters/11>

This Event is brought to you for free and open access by The Ames Library, the Andrew W. Mellon Center for Curricular and Faculty Development, the Office of the Provost and the Office of the President. It has been accepted for inclusion in Digital Commons @ IWU by the faculty at Illinois Wesleyan University. For more information, please contact digitalcommons@iwu.edu.

©Copyright is owned by the author of this document.

Poster Presentation P23

**OPTIMIZATION OF RING-OPENING REACTIONS OF 4-SUBSTITUTED
OXAZOLIDINONES USING PRIMARY AND SECONDARY ALCOHOLS**

Michael Conte and Jeffrey Frick*
Chemistry Department, Illinois Wesleyan University

Oxazolidinones have been used as a new line of defense in the battle against bacterial infections such as MRSA (methicillin-resistant *Staphylococcus aureus*). This project has focused on optimizing the ring-opening reactions of 4-substituted oxazolidinones using a Lewis acid catalyst with primary and secondary alcohols. The results of this study will be presented.