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

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

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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.