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Synthesis of Oxazolidinones via a Bicyclic Aziridine Intermediate

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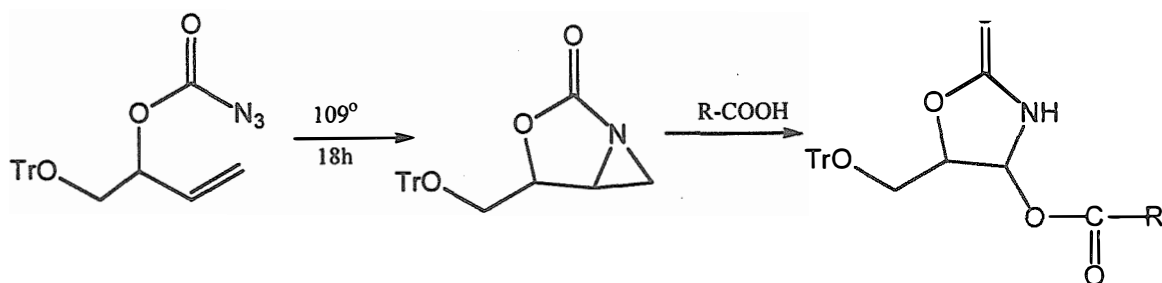
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Poster Presentation P24

SYNTHESIS OF OXAZOLIDINONES VIA A BICYCLIC AZIRIDINE INTERMEDIATE

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Oxazolidinones have been shown to have antibacterial activity, and are being further developed for use in biological systems. The focus of my research has been on the synthesis of oxazolidinones through a bicyclic aziridine intermediate. Thermolysis reaction of an azidoformate yields the bicyclic aziridine. Reacting the bicyclic aziridine with various carboxylic acids forms the various oxazolidinones.



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