DR-31. PREPARATION OF MONOETHANOLAMINE AND 5-PHENYL-2,2'-BIPYRIDINE DERIVATIVES AND THEIR SUBSEQUENT TOSYLATION REACTIONS

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Oxazolidine derivatives are of interest as biologically active compounds, as well as catalysts for enantioselective reactions. Separately, in this aspect, it should be noted that a fragment of N-tosyloxazolidine is presented in a number of biologically active structures. To form the oxazolidine cycle, we used a reaction of monoethanolamine-based Schiff base with tosyl chloride. To date, there are very few examples of such syntheses. In this publication, we propose an approach to N-tosyloxazolidine derivatives having a 2,2'-bipyridine fragment.

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\includegraphics[width=\textwidth]{diagram.png}
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