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## Synthesis and Nucleophilic Addition Reactions of a Serine Derived Amino Aldehyde

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## Poster Presentation 37

SYNTHESIS AND NUCLEOPHILIC ADDITION REACTIONS OF  
A SERINE DERIVED AMINO ALDEHYDE

William J. Flosi and Jeff Frick\*, Department of Chemistry, IWU

The synthesis of the antibiotic (+)-obafluorin **2**, isolated from strains of *Psuedomonas fluorescens*, is being explored. A precursor in the overall proposed synthesis is the serine derived amino aldehyde **1**. The synthesis of compound **1** and several nucleophilic addition reactions to the aldehyde has been investigated. The results of these experiments will be presented.

