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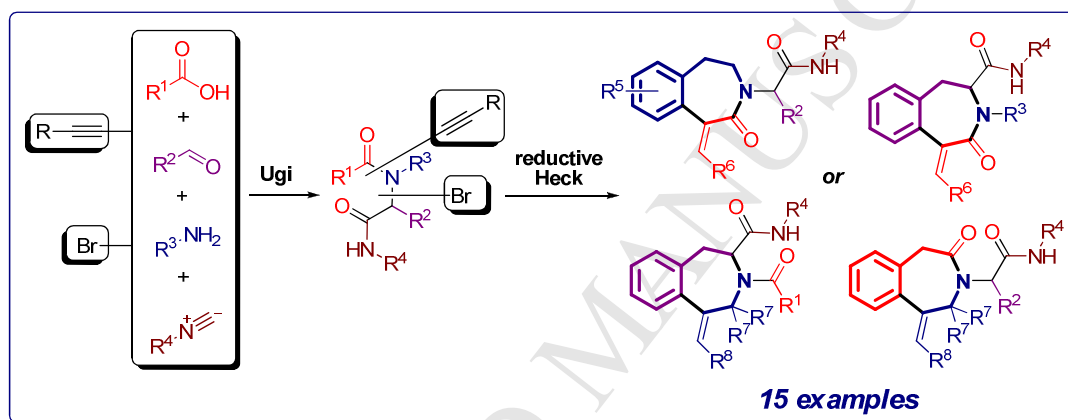
Diversification of the 3-Benzazepine Scaffold Applying Ugi/Reductive Heck Sequence

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ABSTRACT

A two step sequence involving Ugi reaction followed by reductive Heck cyclization has been evaluated in order to provide access to a 3-benzazepine framework in a diversity-oriented fashion. Several aspects related to the substrate scope and the optimal distribution of the required functional groups have been addressed, resulting in the construction of a small library of the title compounds, featuring four distinct types of substitution pattern.

Keywords:

3-Benzazepines

Ugi reaction

Reductive Heck reaction

Diversity-oriented synthesis

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