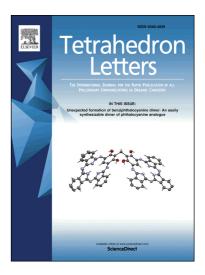
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Piperidines from acid-catalysed cyclisations: pitfalls, solutions and a new ring contraction to pyrrolidines

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ACCEPTED MANUSCRIPT

Piperidines from acid-catalysed cyclisations: pitfalls, solutions and a new

ring contraction to pyrrolidines.

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Abstract- The success of acid-catalysed cyclisations of alka-4-enylamine derivatives to piperidines depends very much on the nature of the amine protecting group: while carbamates and related amides can usually be readily and cleanly transformed, the corresponding sulfonamides react further by ring contraction leading to pyrrolidines, especially when such substrates are sterically crowded.

Keywords: Piperidines; intramolecular; acid-catalysed; cyclisation; ring contraction.

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