













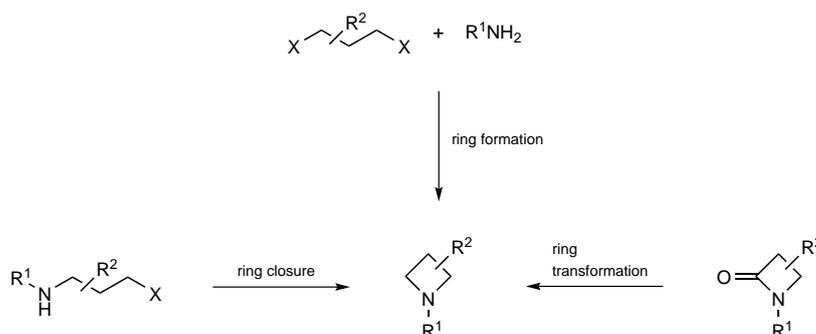
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## 40.1.6.2 Azetidines

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This chapter is an update to the earlier *Science of Synthesis* contribution (Section 40.1.6) describing methods for the synthesis of azetidines. This review focuses on contributions in this field published between 2008 and 2015 (with some exceptions of papers published as early as 2006, which were not covered in the earlier review). This period has witnessed an impressive breakthrough of pharmaceutical agents bearing an azetidine ring in medicinal chemistry and the first examples of organocatalyzed enantioselective syntheses of nonracemic azetidines.



**Keywords:** azetidines · small rings · ring strain · nitrogen heterocycles · ring closure · ring contraction · β-lactams

2017 Updated Section · 2017 Completely Revised Contributions · New New Contributions