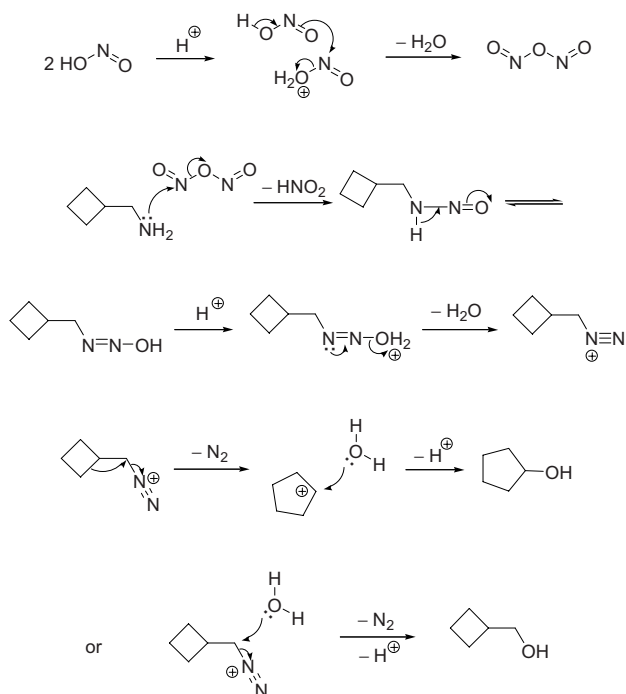
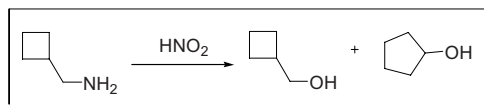
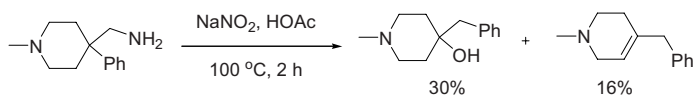


Demjanov rearrangement

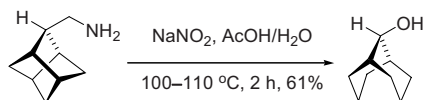
Carbocation rearrangement of primary amines *via* diazotization to give alcohols through C–C bond migration.

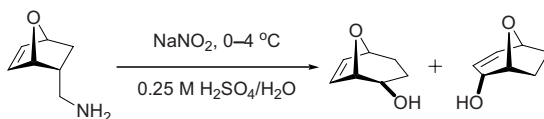
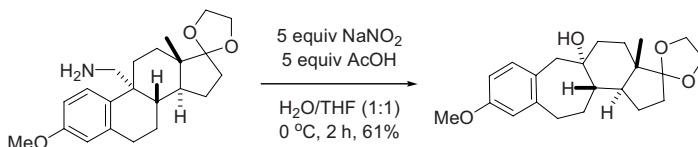


Example 1³



Example 2⁶



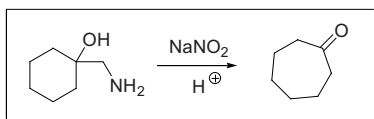
Example 3⁷Example 4⁸

References

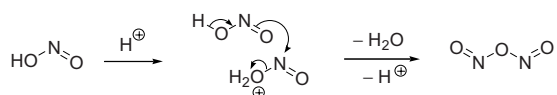
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Tiffeneau–Demjanov rearrangement

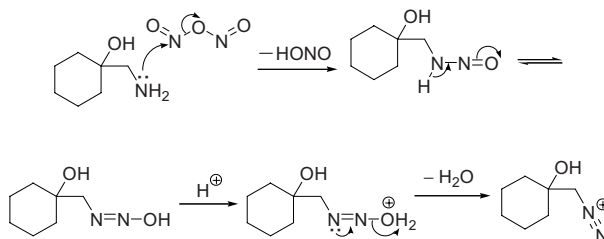
Carbocation rearrangement of β -aminoalcohols *via* diazotization to afford carbonyl compounds through C–C bond migration.



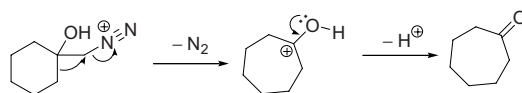
Step 1, Generation of N_2O_3



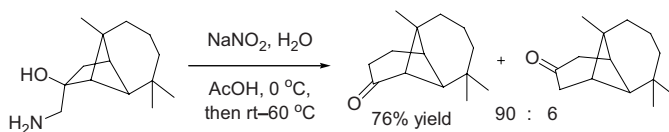
Step 2, Transformation of amine to diazonium salt

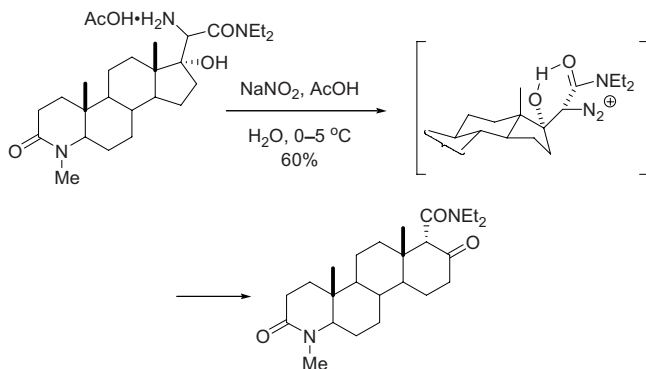
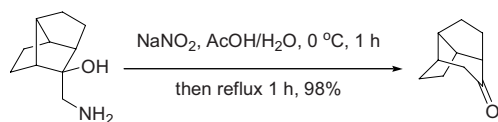
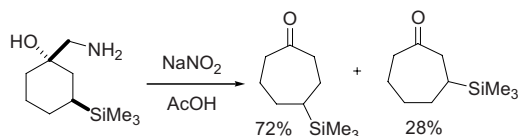


Step 3, Ring-expansion *via* rearrangement



Example 1⁵



Example 2⁶Example 3⁷Example 4⁹

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