The Boron-Nitrogen Analogues of *ortho*-Benzynes

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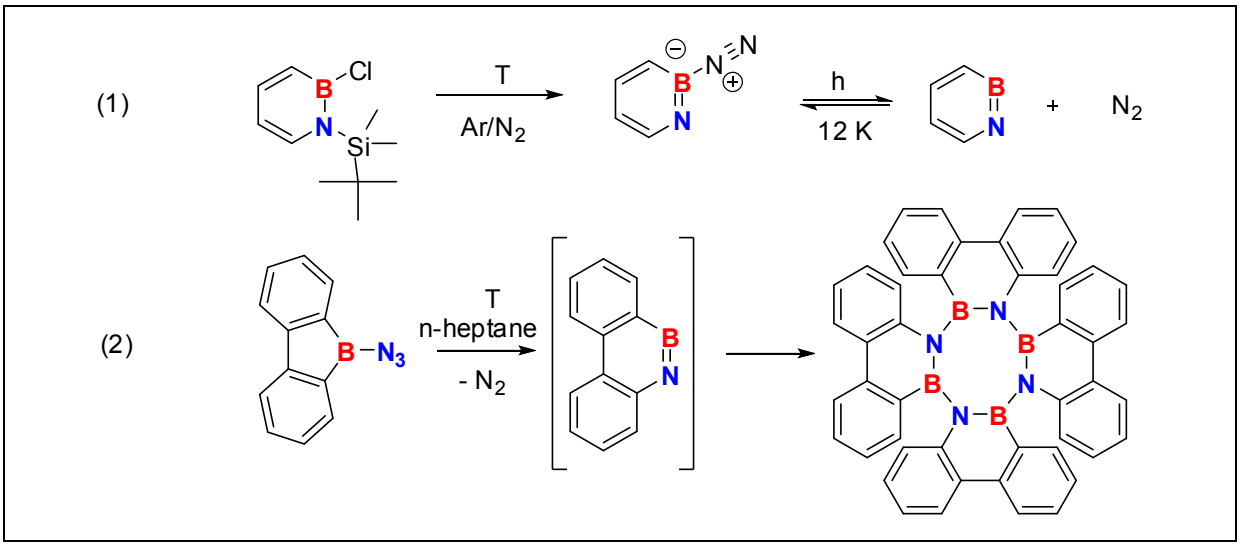
The isoelectronic nature of CC and BN units was extended to reactive intermediates: borylnitrenes R_2BN are isoelectronic to vinylidenes R_2CC.[1] Here the BN analogues of *ortho*-benzyne, 1,2-azaborines, are introduced. They can be generated either under flash vacuum pyrolysis conditions and studied by matrix isolation (reaction 1) or by solution phase thermolysis (reaction 2) of suitable precursors.[2]



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