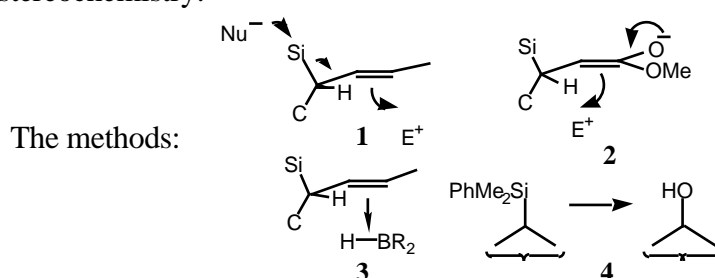


Stereocontrol in Organic Synthesis Using Silicon Compounds

Ian Fleming

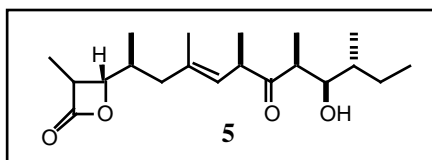
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We have exploited four methods **1-4** using a resident stereogenic centre carrying a silyl group to control stereochemistry:



The lecture will describe how these four methods can be used to solve all the stereochemical problems in the synthesis of ebelactone-a **5**:

The target:



It then describes our work on the stereochemistry of *nucleophilic* attack in place of the electrophilic attack seen in the methods **1-3**.