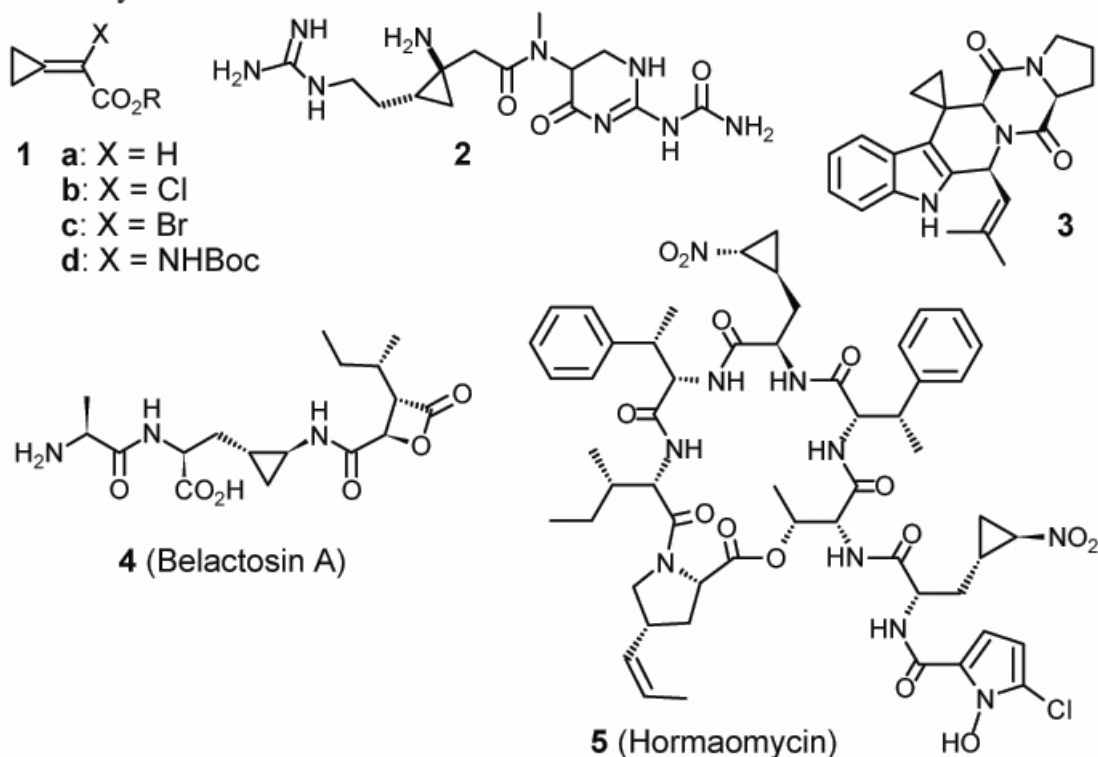


From Simple Small Ring Building Blocks to Biologically Active Compounds

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Advanced syntheses of a group of versatile and highly reactive building blocks, the 2-substituted cyclopropylideneacetates **1a–d**,^[1] as well as some synthetic applications towards biologically active compounds like the analogues of TAN 1057 **2**,^[2] and Demethoxyfunitremorgine C **3** will be presented. In addition, the first enantioselective syntheses of the cyclopropyl-group containing natural products Belactosine A **4**^[3] and Hormaomycin **5**^[4] will be discussed.



- [1] M. Limbach, A. de Meijere, *Adv. Synth. Catal.* **2004**, in press.
[2] M. Kordes, Dissertation, Universität Göttingen 1999.
[3] O. V. Larionov, A. de Meijere, *Org. Lett.* **2004**, in press.
[4] B. D. Zlatopolski, A. de Meijere, *Chem. Eur. J.* **2004**, in press.