

Total Synthesis of (+)-Mannolide B

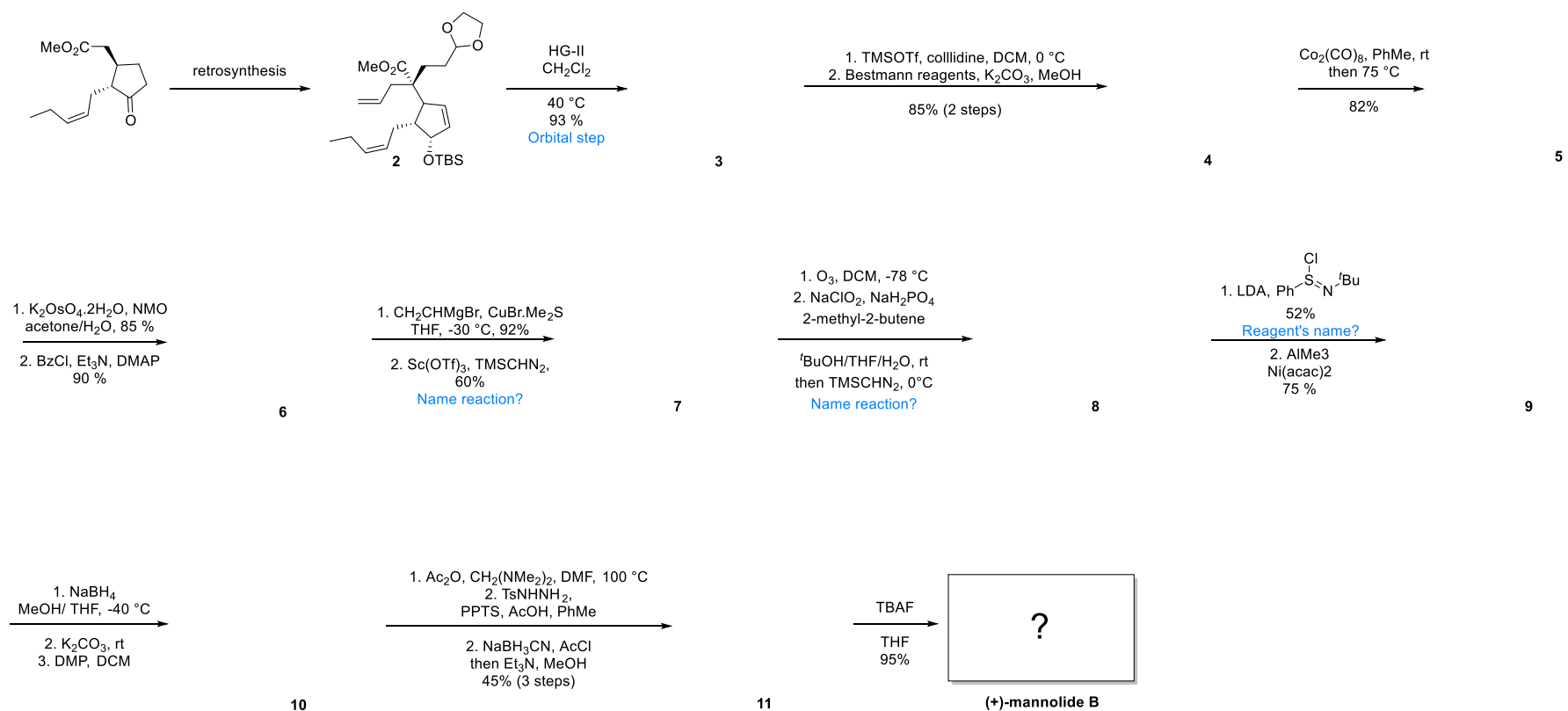
Peng Chen, Lijun Chen, Hongpeng Lin and Yanxing Jia

J. Am. Chem. Soc. 2025, 147, 636–643

3 strategies explored to construct the 6/6 bicyclic system

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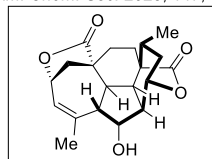
- 5/7/5/6/6/6-fused hexacyclic scaffold
- 2 Bridged-lactone moieties
- 10 Stereocenters: 9 contiguous
- 2 Quaternary carbon centers
- First Total synthesis



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