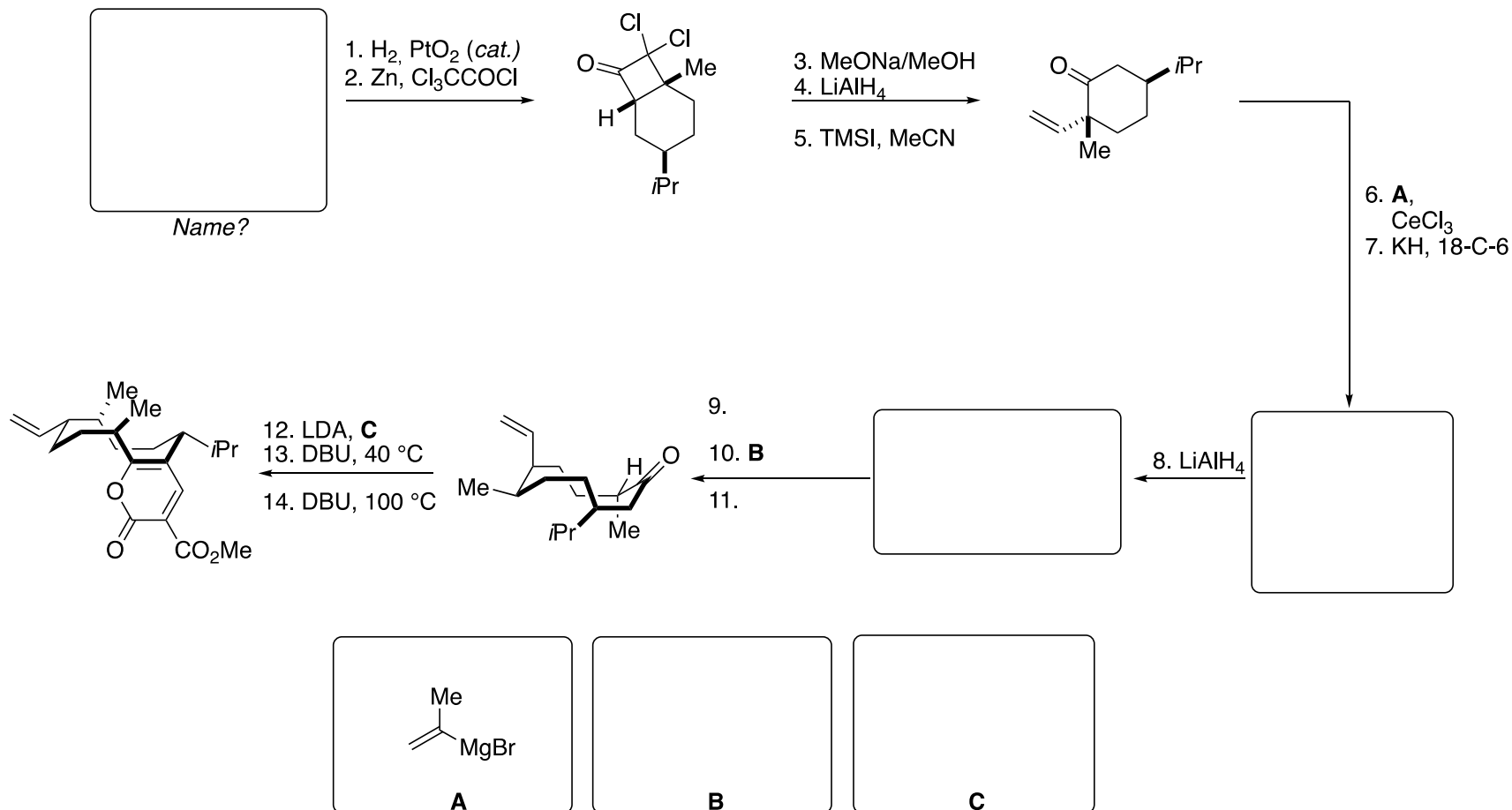
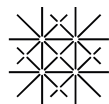


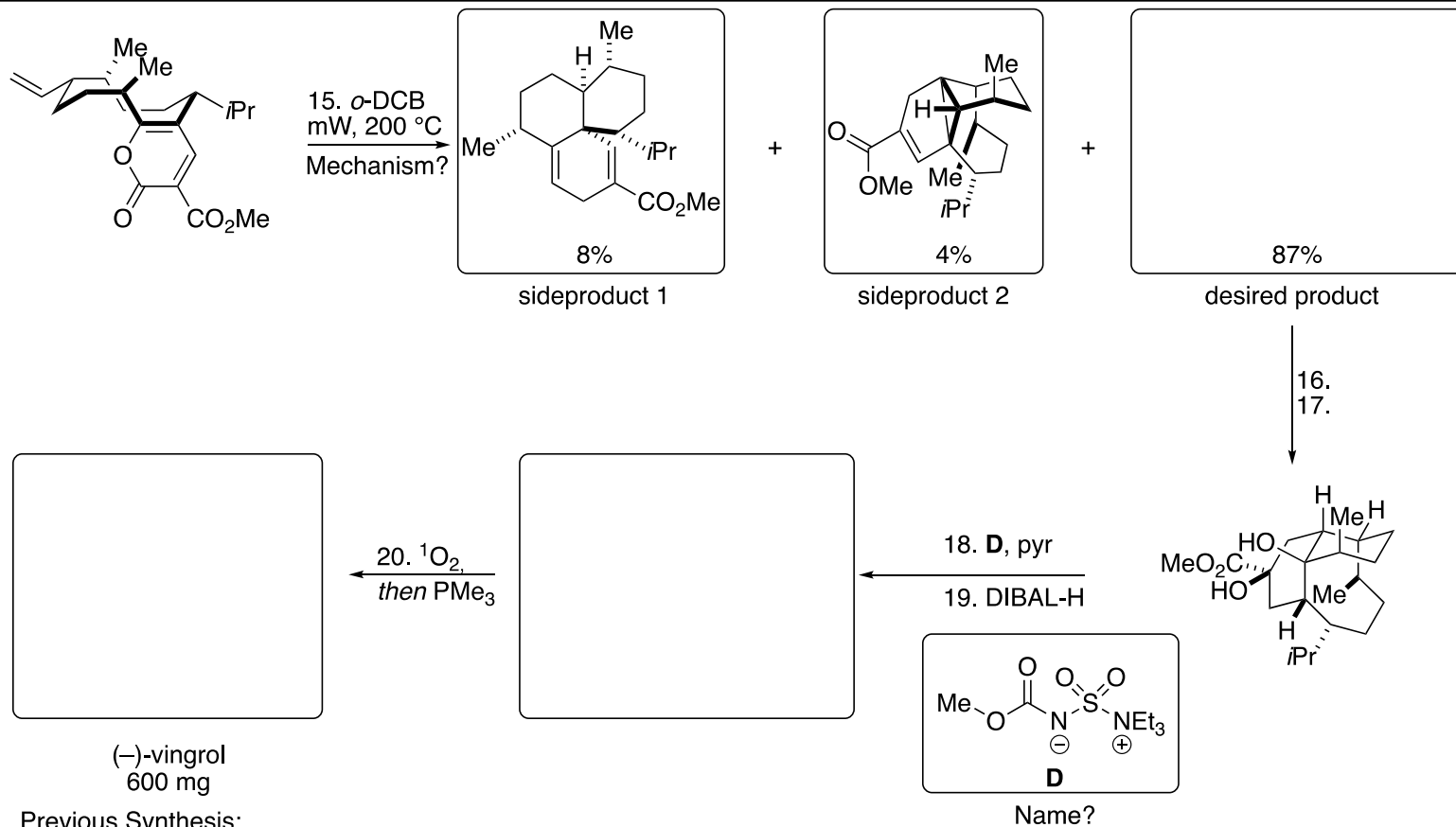
E90: Scalable Synthesis of (–)-Vinigrol [1,2]



[1] X. Yu, L. Xiao, Z. Wang, T. Luo, *J. Am. Chem. Soc.* **2019**, ASAP [2]
 G. Mehta, P. V. R. Acharyulu, *Indian J. Chem.* **1998**, 37B, 201–204.



E90: Scalable Synthesis of (–)-Vinigrol [1,2]



Previous Synthesis:

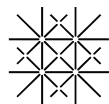
Baran 2009 (23 steps) [3]

Barriault 2012 (26 steps) [4]

Njardarson 2013 (38 steps) [5]

Kaliappan 2014 (31 steps) [6] Strategies Review [7]

[1] X. Yu, L. Xiao, Z. Wang, T. Luo, *J. Am. Chem. Soc.* **2019**, ASAP [2] G. Mehta, P. V. R. Acharyulu, *Indian J. Chem.* **1998**, *37B*, 201–204 [3] T. J. Maimone, J. Shi, S. Ashida, P. S. Baran, *J. Am. Chem. Soc.* **2009**, *131*, 17066–17067 [4] J. Pulin, C. M. Gise-Bard, L. A. Barriault, *Angew. Chem. Int. Ed.* **2012**, *51*, 2111–2114 [5] Q. Yang, J. T. Njardarson, C. Draghici, F. Li, *Angew. Chem. Int. Ed.* **2013**, *52*, 8648–8651 [6] V. V., Betkekar, A. A. Sayyad, K. P. A. Kaliappan, *Org. Lett.* **2014**, *16*, 5540–5543 [7] J.-Y. Lu, D. G. Hall, *Angew. Chem. Int. Ed.* **2010**, *49*, 2286–2288.



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