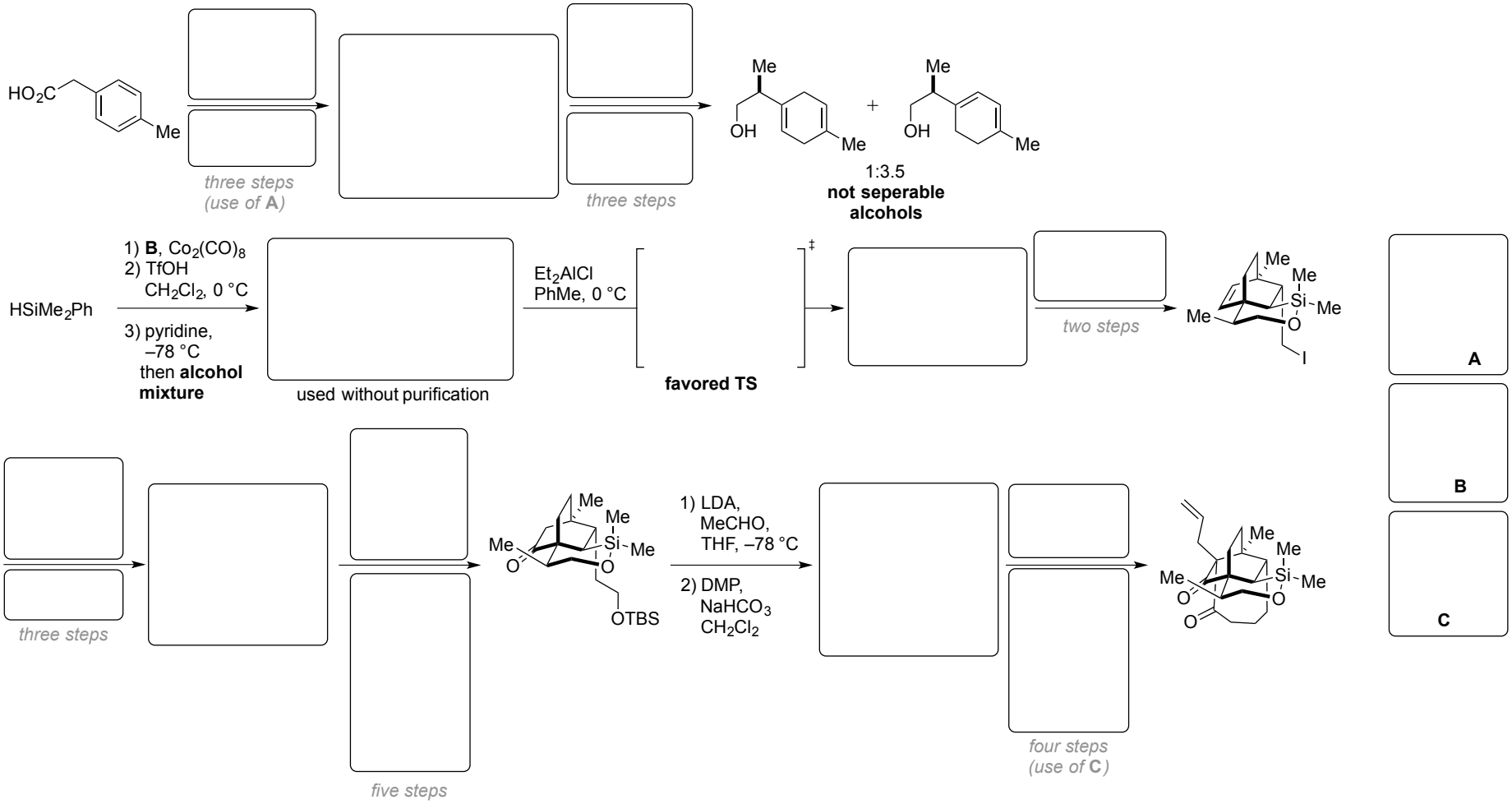
E12: Total Synthesis of (–)-Calyciphylline N [1-5]



[1] A. Shvartsbart, A. B. Smith III, *J. Am. Chem. Soc.* **2014**, *136*, 870.
[2] A. Shvartsbart, A. B. Smith III, *J. Am. Chem. Soc.* **2015,** *137*, 3510.
[3] K. Mori, Tetrahedron: Asymmetry **2005,** *16*, 685.
[4] W. Uhlig, *Chem. Ber.* **1996**, *129*, 733.
[5] I. Fleming, R. Henning, H. Plaut, *J. Chem. Soc., Chem. Commun.* **1984**, *29*.

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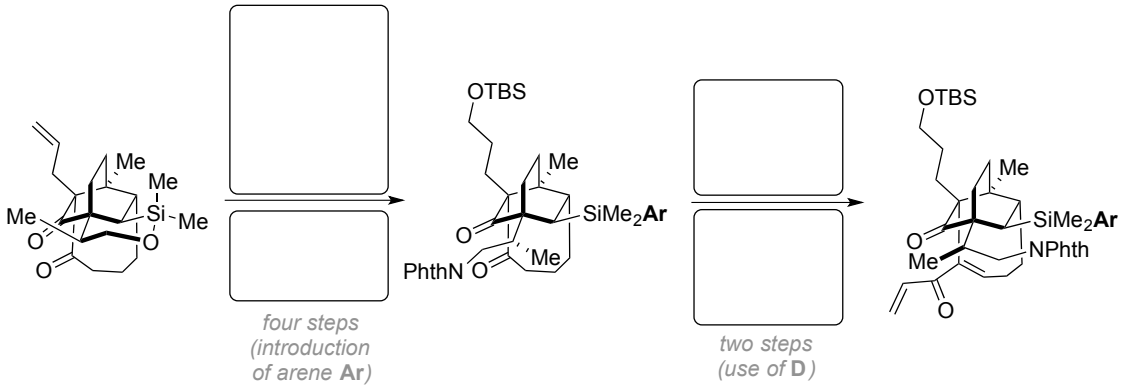
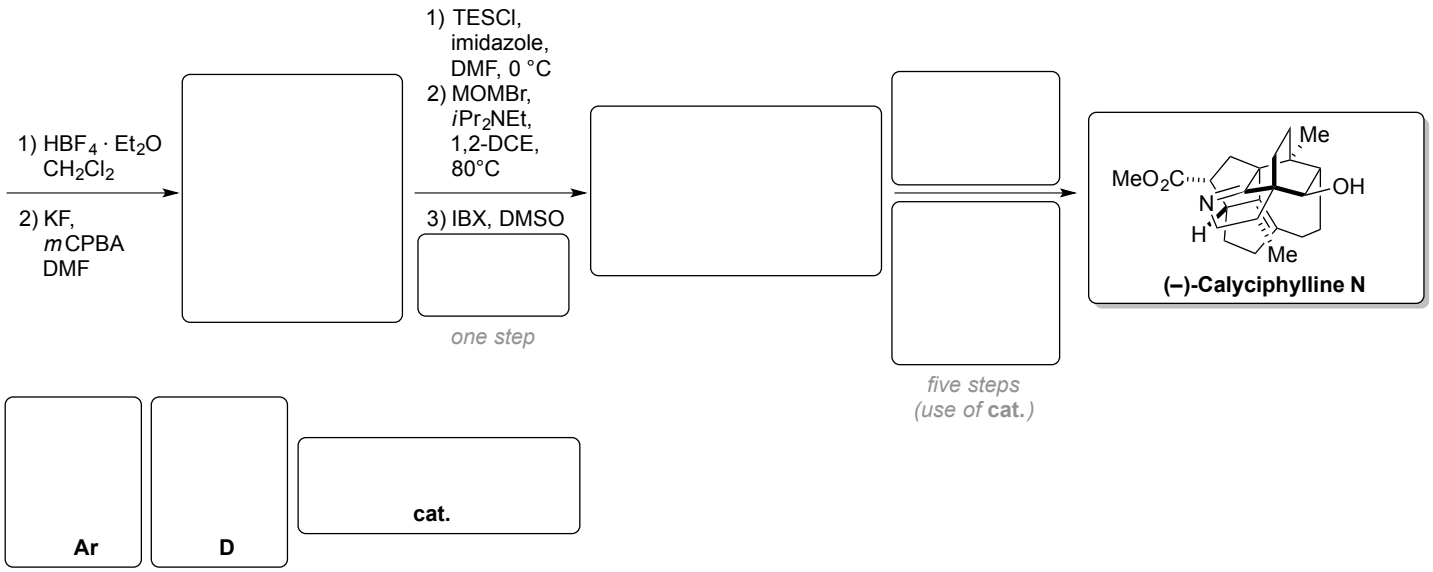
E12: Total Synthesis of (–)-Calyciphylline N [1-5]



- Calyciphylline N belongs to the daphniphyllum alkaloids, with more than 200 members. These attracted attention due to their manifold biological activities and structural complexity
- By 2016, two other daphniphyllum alkaloids were accessed by total synthesis: (+)-Daphmanidin E (E. M. Carreira, 2011) and Daphenylline (A. Li, 2013).



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