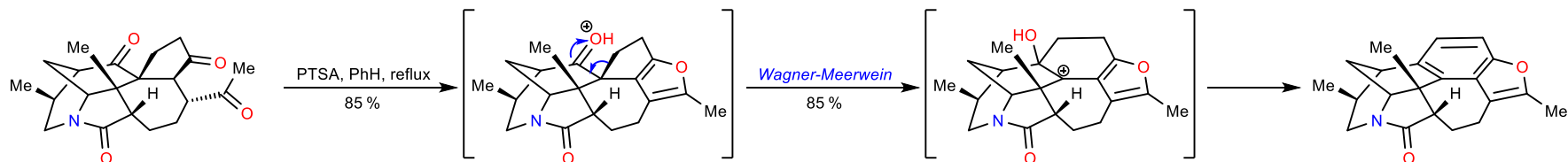


- Isolated from the fruit of *Daphniphyllum longeracemosum* in 2009.¹
- Belongs to the family of daphniphyllum alkaloids.
- Li completed the first total synthesis of daphenylline in 2013.²
- Three other groups have made the molecule afterwards: Fukuyama (2016),³ Zhai (2017)⁴ and Qiu (2019).⁵

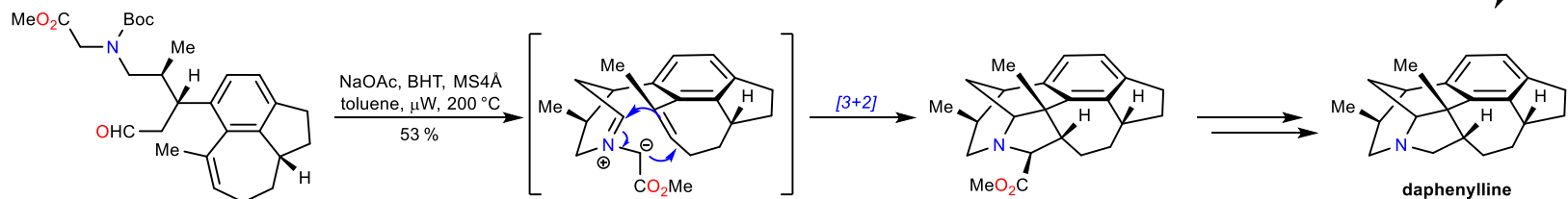
- 1) Hao, *Org. Lett.* **2009**, 11, 2357. <https://doi.org/10.1021/ol9007958>
- 2) Li, *Nature Chemistry*, **2013**, 5, 679. <https://www.nature.com/articles/nchem.1694>
- 3) Fukuyama, *Angew. Chem. Int. Ed.* **2016**, 55, 6067 <https://doi.org/10.1002/anie.201601958>
- 4) Zhai, *Angew. Chem. Int. Ed.* **2018**, 57, 947. <https://doi.org/10.1002/anie.201709762>
- 5) Qiu, *Angew. Chem. Int. Ed.* **2019**, 58, 5754. <https://doi.org/10.1002/anie.201902268>

Key Transformations Applied in Other Approaches

- Zhai:



- Fukuyama:



Li's Synthesis

