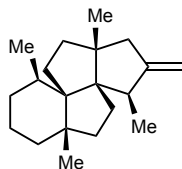


(±)-Waihoensene



**Total syntheses:**

Yang, 2020 (Asymmetric):

*J. Am. Chem. Soc.* 2020, **142**, 6511–6515 <https://dx.doi.org/10.1021/jacs.0c02143>

Snyder, 2020 (Asymmetric):

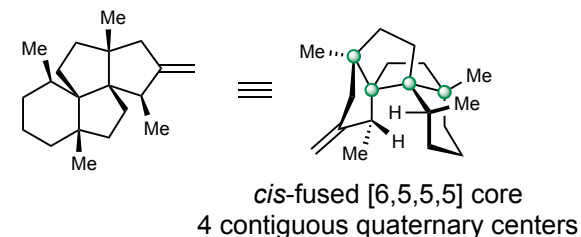
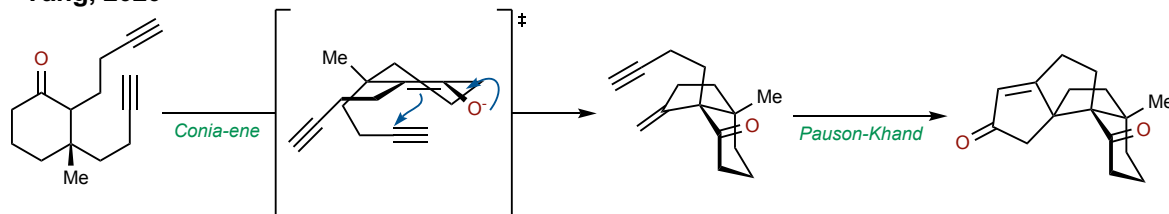
*Angew. Chem. Int. Ed.* 2020, **59** <http://dx.doi.org/10.1002/ange.202004177>

Lee, 2017 (Racemic):

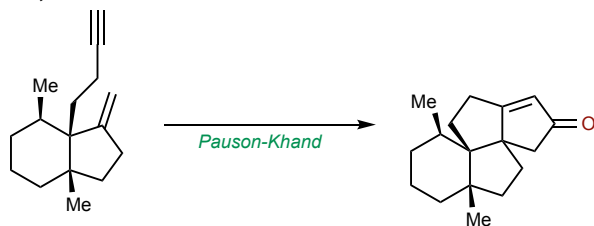
*Angew. Chem. Int. Ed.* 2017, **56**, 8254–8257 <http://dx.doi.org/10.1002/anie.201704492>

**Strategies to the [6,5,5,5] core**

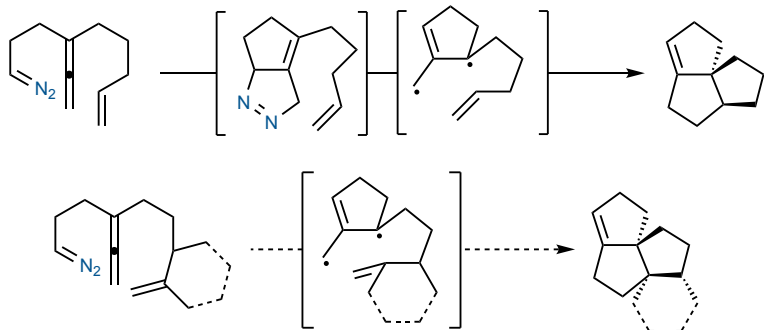
**Yang, 2020**



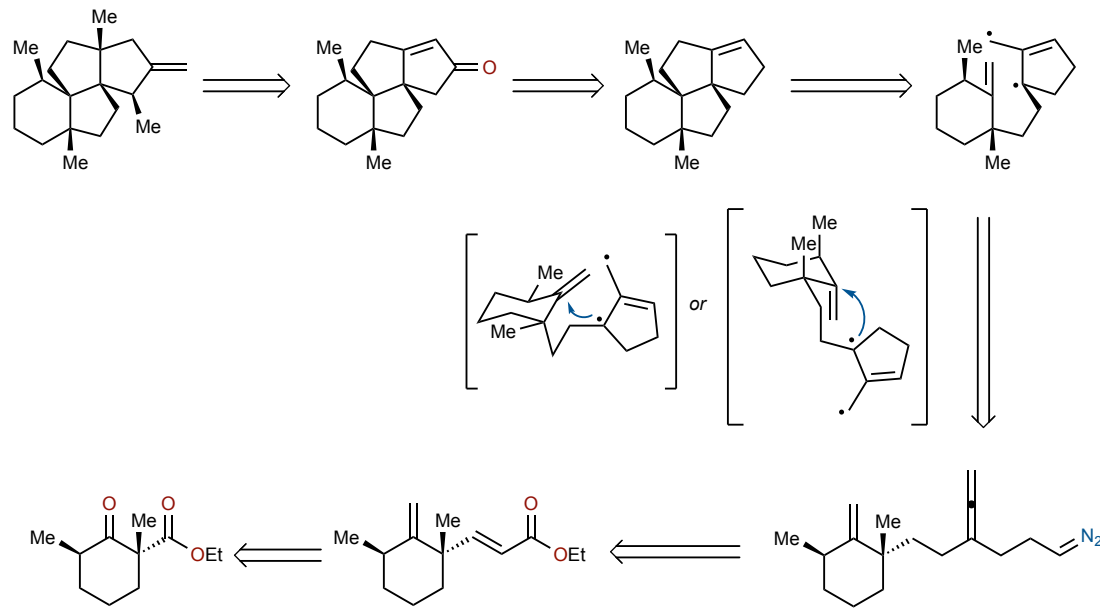
**Snyder, 2020**



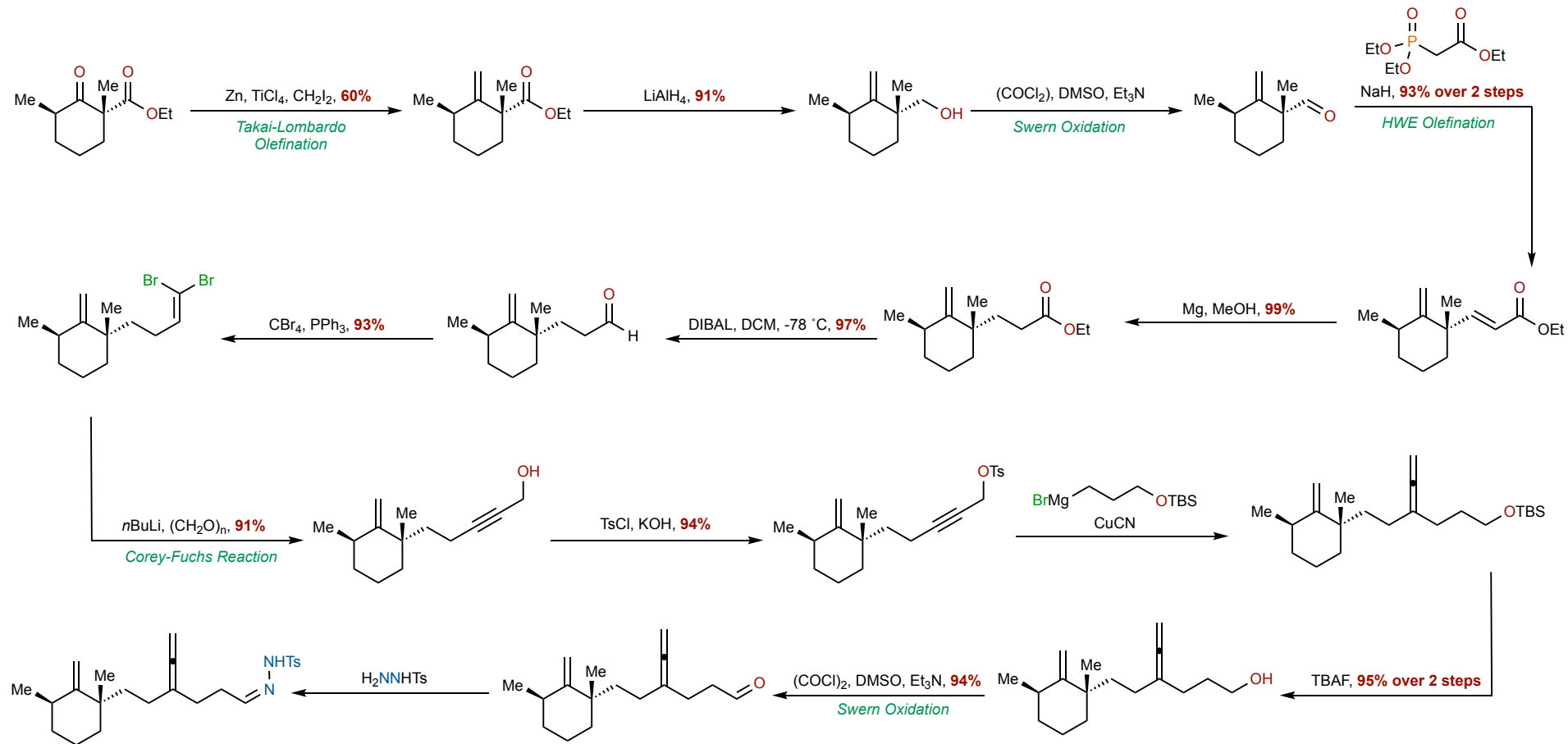
**Lee, 2017**



**Retrosynthetic Analysis**



**Diradical Precursor Synthesis:**



Tandem cycloaddition and completion of the synthesis:

