

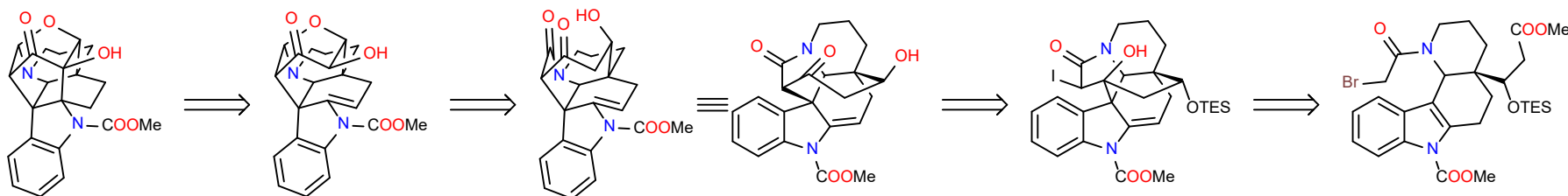
- First isolated in leaves of *Kopsia* by Kam in 2007, 11 years after other family members.
- *Kopsia* is a traditional Chinese medicine used for heart diseases, asthma and epilepsy.
- Octacyclic framework including a central cage unit circumscribed by two five-membered rings.
- First and only total synthesis was by Ma in 2020.



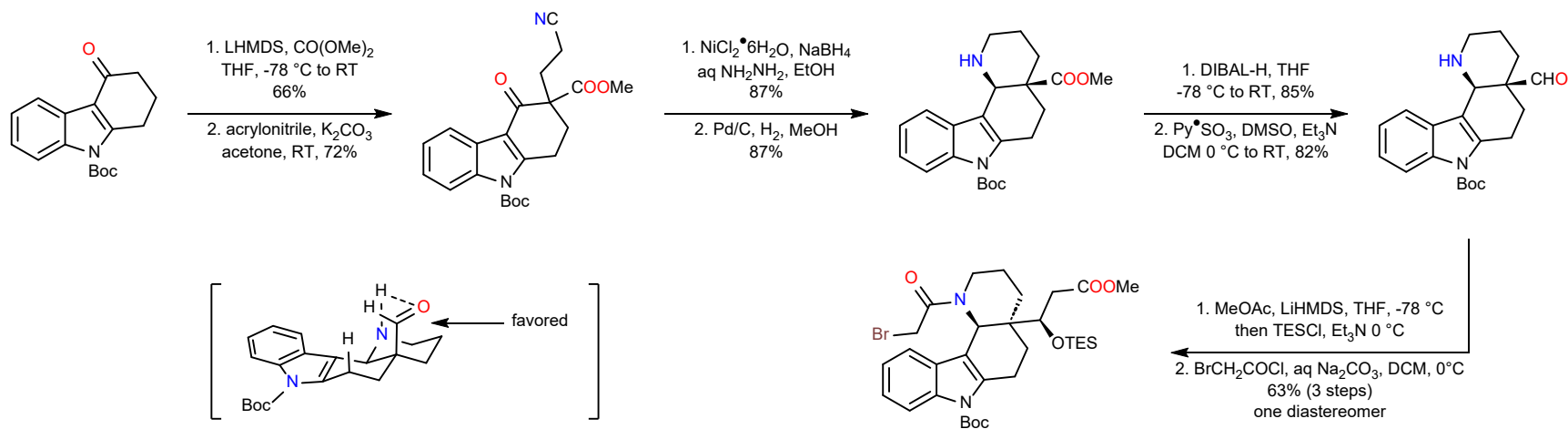
Nagaraju, K.; Ni, D.; Ma, D. *Angew Chem Int Ed* **2020**, *59*, 22039. <https://doi.org/10.1002/anie.202011093>.

Lim, S.-H.; Sim, K.-M.; Abdullah, Z.; Hiraku, O.; Hayashi, M.; Komiyama, K.; Kam, T.-S. *J. Nat. Prod.* **2007**, *70*, 1380. <https://doi.org/10.1021/np0701778>.

Retrosynthesis



Synthesis of the linear tetracycle



Constructing the cage

