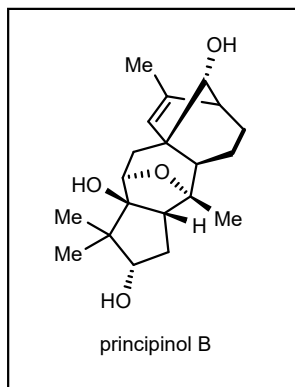


## Background



## Isolation

2014, from *Rhododendron principis*  
Grayanane diterpenoids

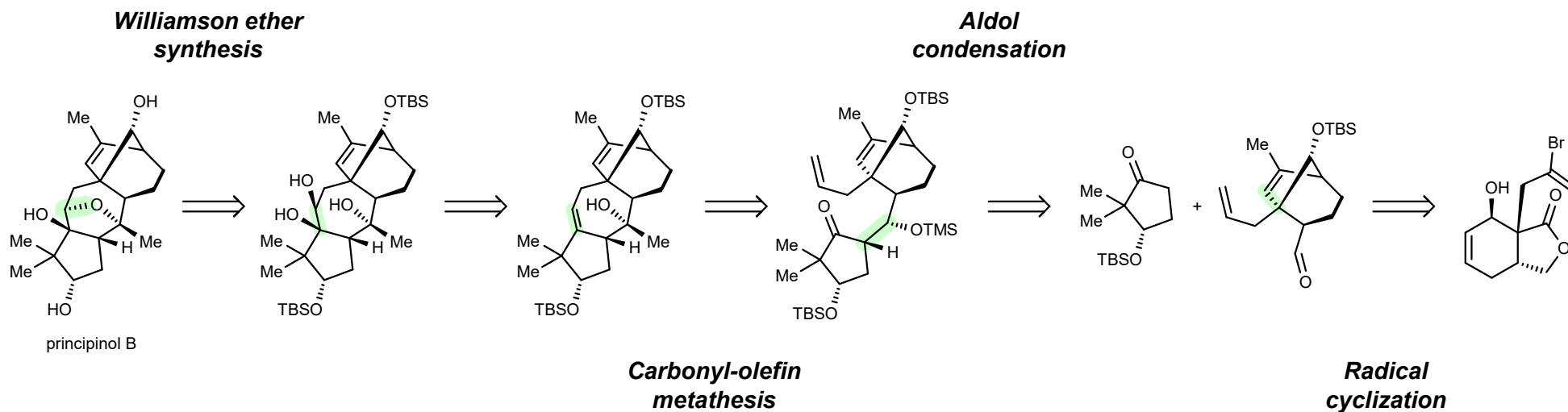
## Structural features

5/7/6/5 tetracyclic carbon framework  
Oxabicyclo[3.2.1] core

## First total synthesis

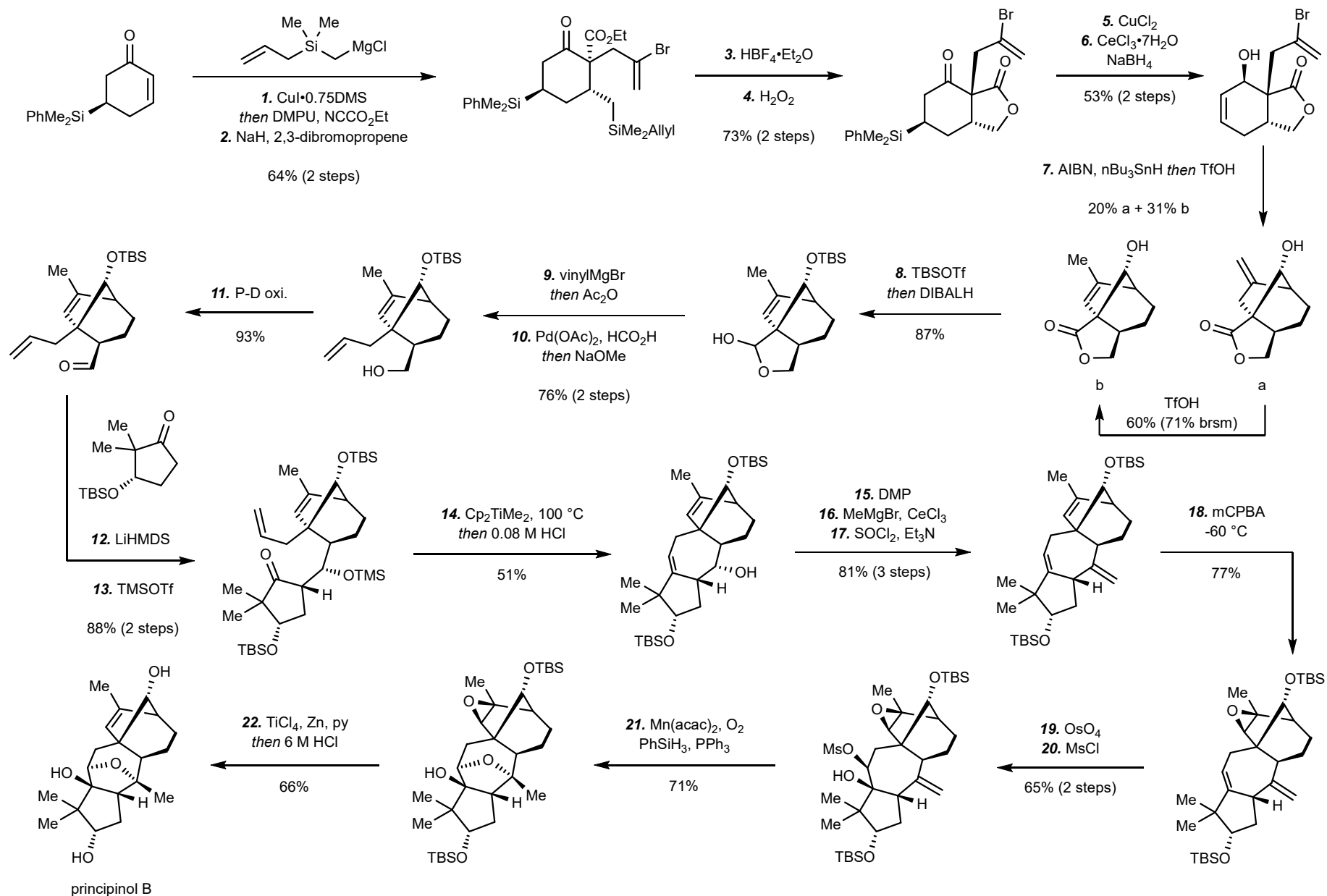
C.-C. Liu, C. Lei, Y. Zhong, L.-X. Gao, J.-Y. Li, M.-H. Yu, J. Li, A.-J. Hou, *Tetrahedron* **2014**, 70, 4317 <https://doi.org/10.1016/j.tet.2014.05.019>

## Retrosynthetic Analysis



Q. Du, Z. Fan, M. Yang, *Angew. Chem. Int. Ed.* **2024**, 63, e202400956. <https://doi.org/10.1002/anie.202400956>

## Synthesis



principinol B