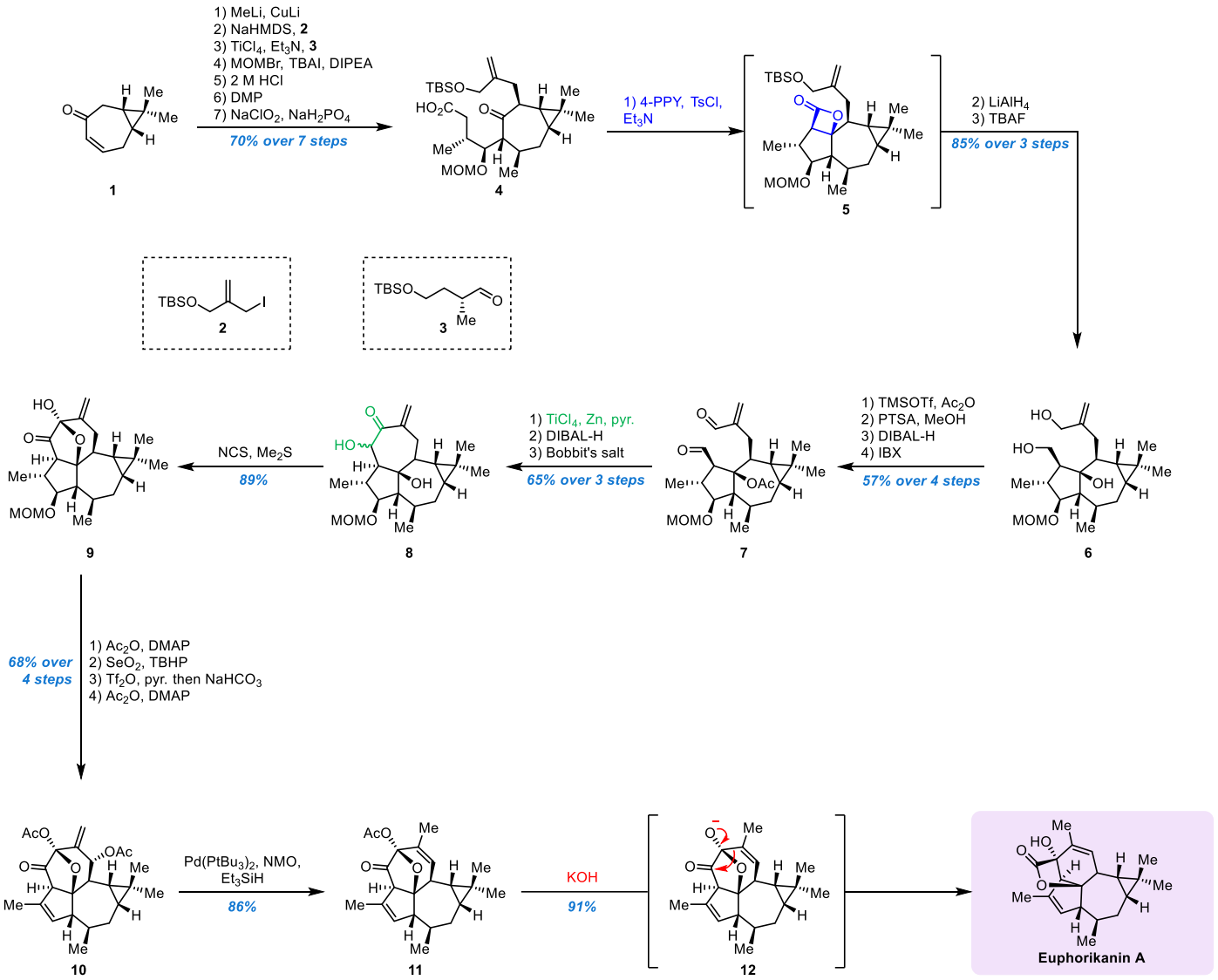
Bioinspired Total Synthesis of (+)-Euphorikanin A.
Angew. Chem. Int. Ed. **2022**,*61*, e202200576. DOI: 10.1002/anie.202200576
Z. Chen, K. Zhao, and Y. X. Jia*. (Peking University, China)



Key Steps:

- ***Intramolecular nucleophile-catalyzed aldol lactonization.***
- ***McMurry coupling.***
- ***Bioinspired benzilic acid type rearrangement.***

Significance:

- ***First bioinspired total synthesis of Euphorikanin A.***
- ***Providing a different biosynthetic pathway in that [3.2.1] skeleton could be constructed via benzilic acid rearrangement which may be helpful in discovering and synthesizing new natural products of Euphorikanin family.***

Contributor: Peng Wang; 13132210313@163.com
2022-02-12

DJ Club All Right Reserved.
www.dengjunclub.com