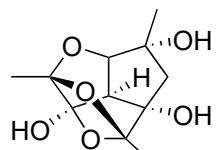
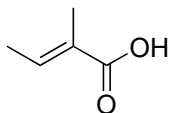


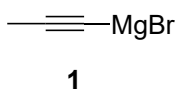
Total Synthesis of Nesteretal A

Kawamoto, Y.; Kitsukawa, H.; Kobayashi, T.; Ito, H. *Org. Lett.* **2021**, 23 (18), 7074–7078.

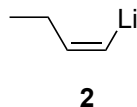


Nesteretal A

- 1) LAH
- 2) PBr₃
- 3) CuI, **1**
- 4) AD-mix-β
- 5) IBX
- 6) MOMCl, DIPEA
- 7) Co₂(CO)₈
- 8) LaCl₃ · 2LiCl, **2**
- 9) CAN
- 10) Pd(OAc)₂, PPh₃
- 11) CBr₄, iPrOH
- 12) Mo(CO)₆, TBHP
- 13) H₂SO₄, H₂O
- 14) IBX
- 15) PPTS, CH(OMe)₃, MeOH
- 16) OsO₄, NMO
- 17) IBX
- 18) H₂SO₄

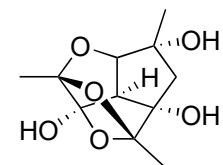


1



2

4) Name of the reaction?



Nesteretal A