

## ***Chapter 30 — Retrosynthetic analysis***

---

Planning a synthesis by going in reverse

I can make that! C–C disconnections from familiar reactions

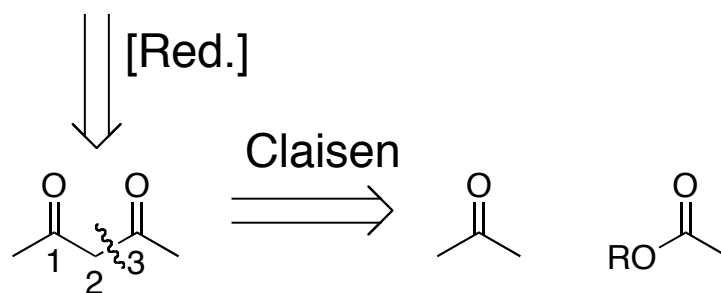
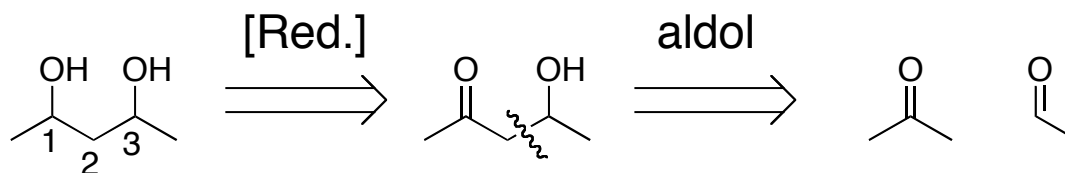
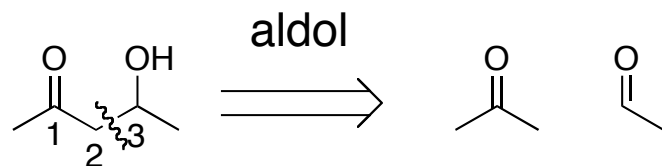
Example: a return to platensimycin

Example: monensin

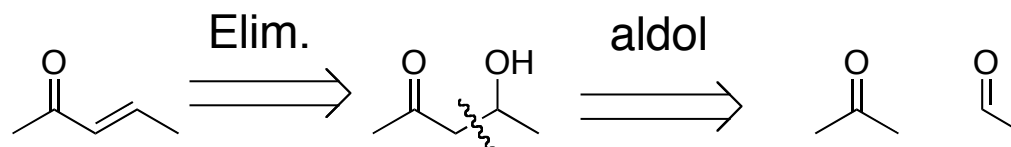
# I can make that! (C–C disconnections 1.)

---

1,3 - O,O



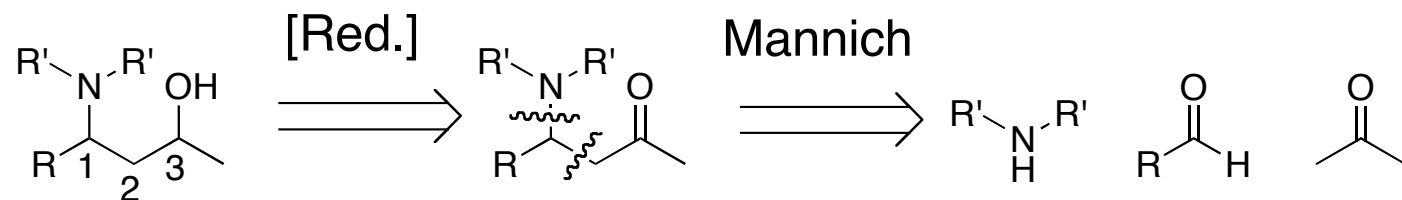
$\alpha,\beta$



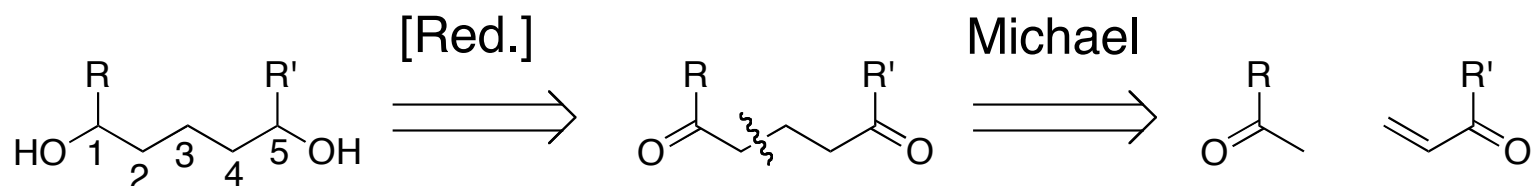
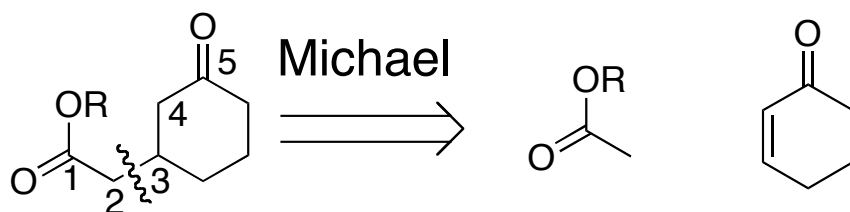
## *I can make that! (C–C disconnections 2.)*

---

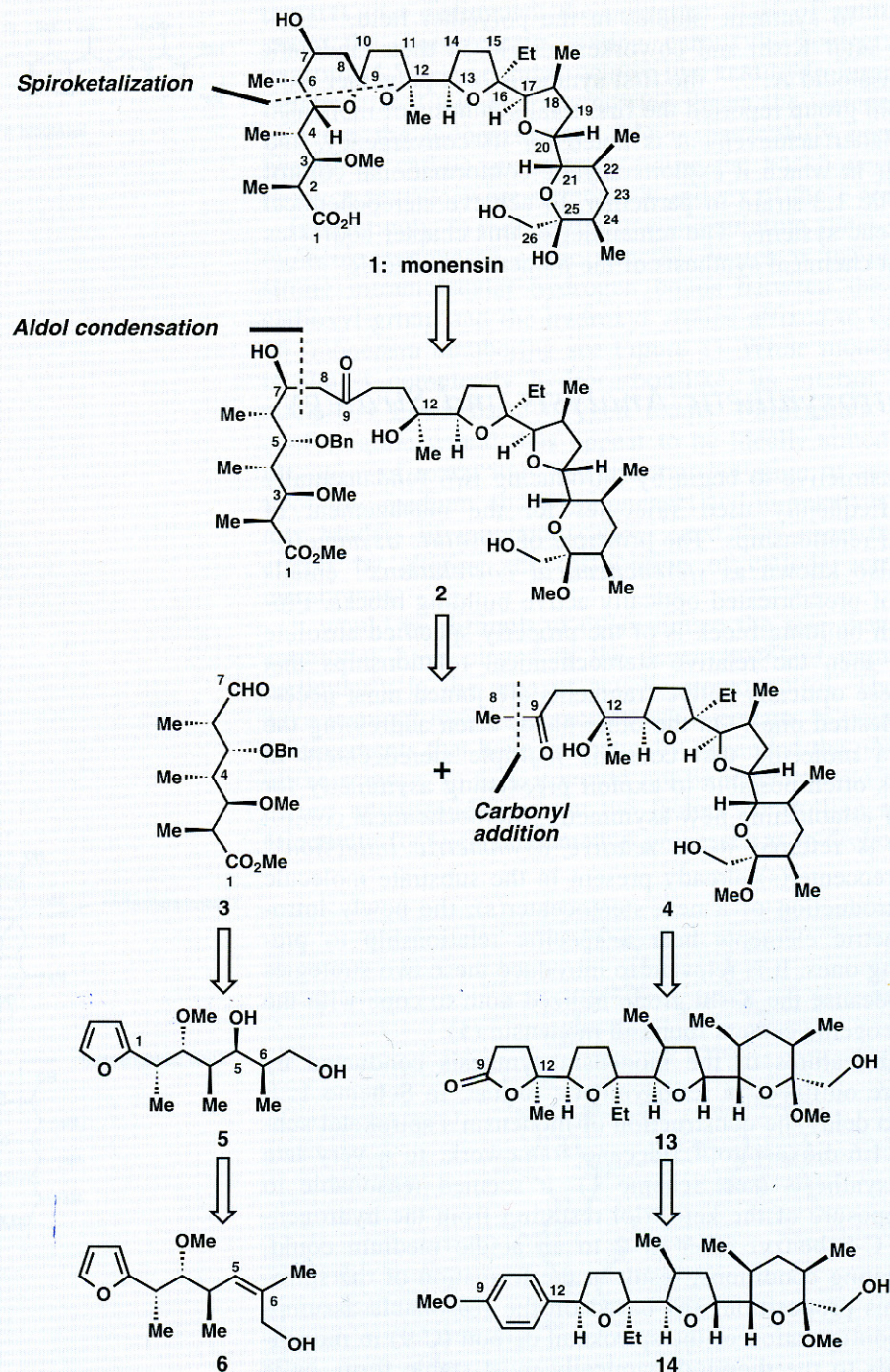
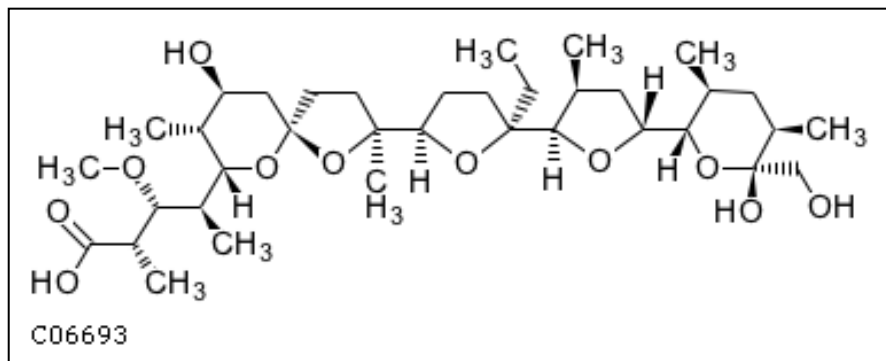
1,3 - N,O



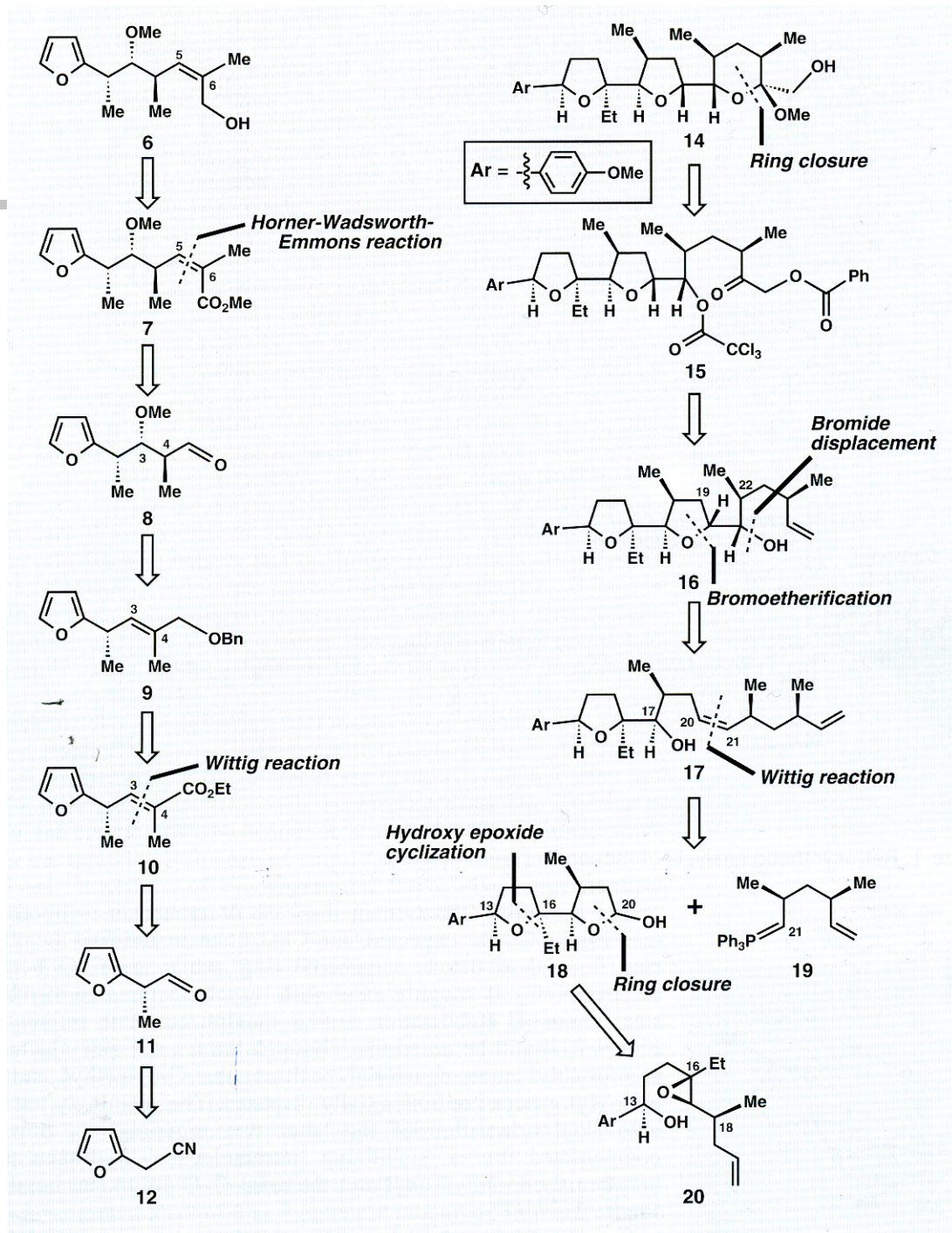
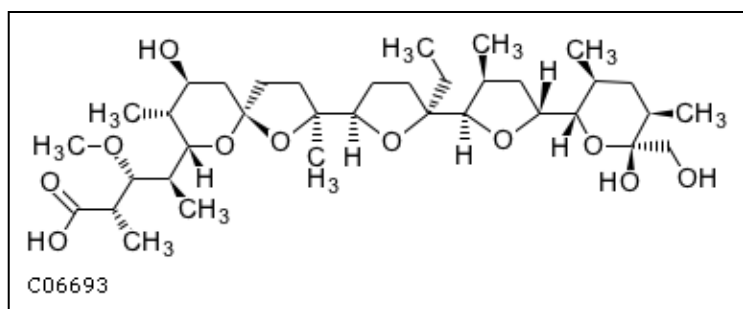
1,5 - O,O



# Monensin: How on earth?



# Monensin: How on earth?



# Monensin: How on earth?

