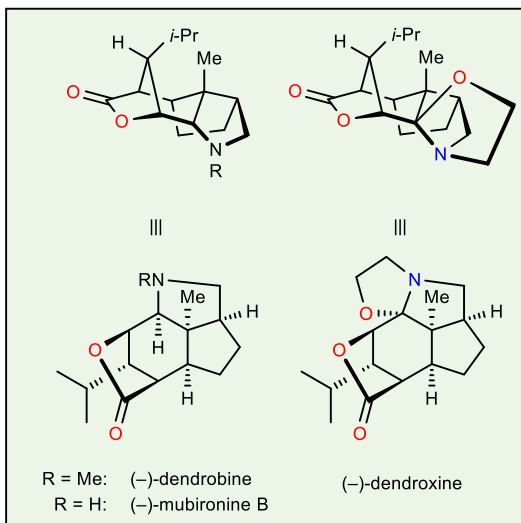


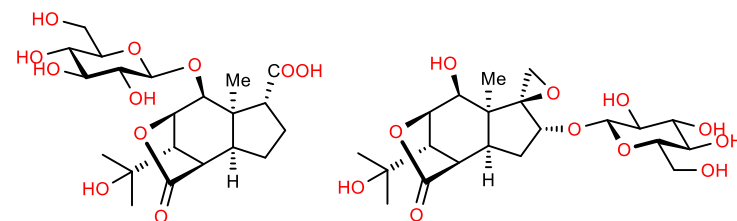
**Dendrobine**



*Dendrobium Nobile* Lindl.



- Toxic alkaloid isolated from noble dendrobium orchids (ca. 0.5% w/w)
- Part of the picrotoxane sesquiterpenoid family

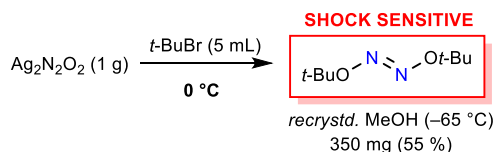
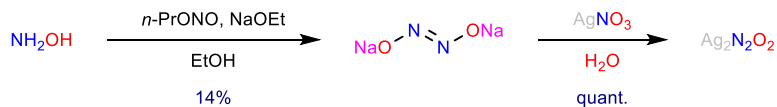


Dendromonilide B

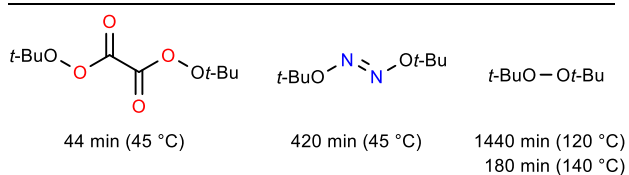
Dendromonilide C

- 7 contiguous (including 1 quaternary) stereocenter
- 16 formal and total syntheses
  - 3 chiral pool
  - 3 enantioselective catalytic

**DTBN: Mild *tert*-butoxy radical source**



$t_{1/2}$  (isooctane)

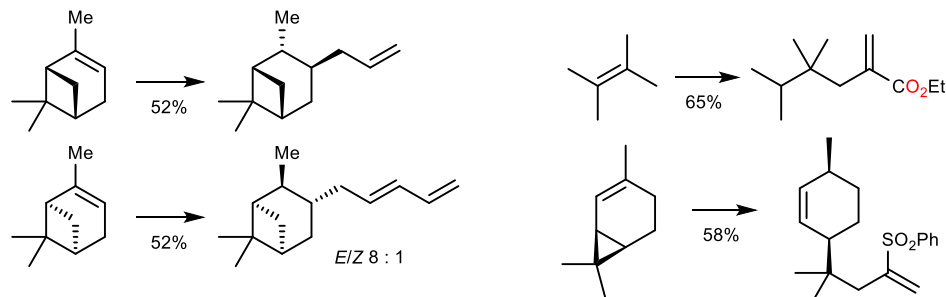
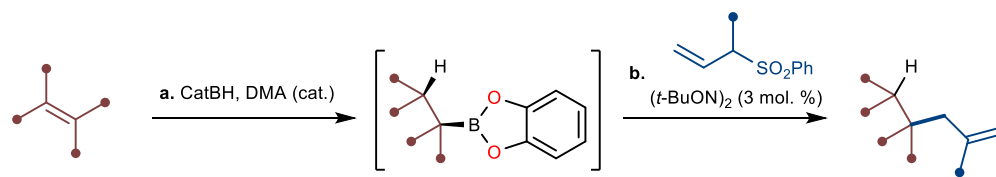


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**Organoboranes as Radical Sources**



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