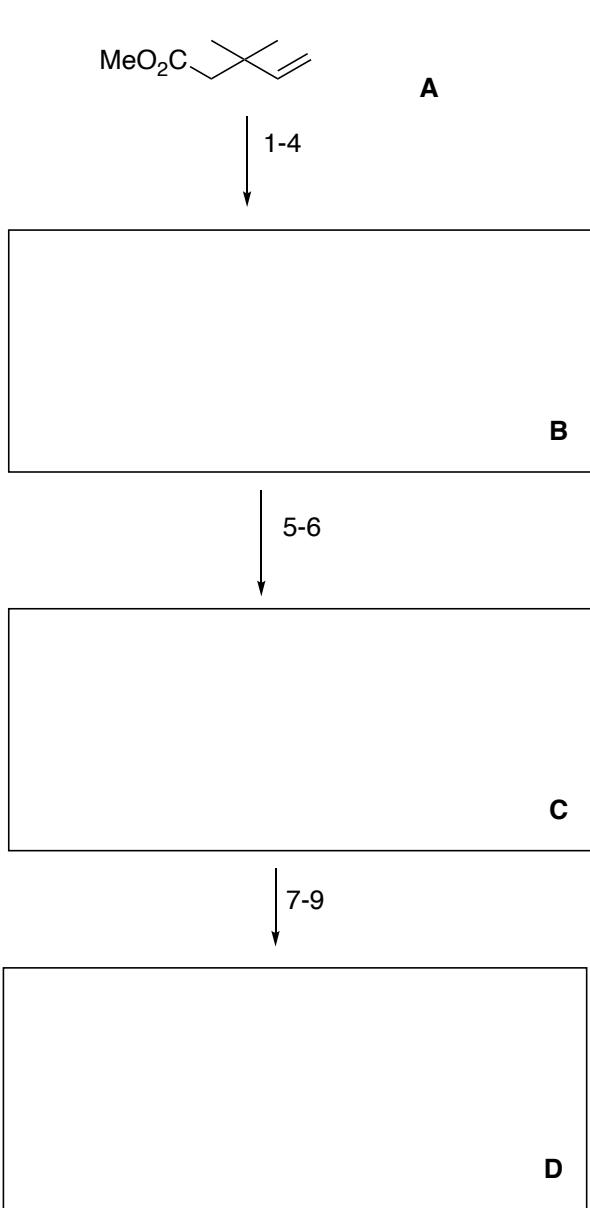


Synthesis Challenge 88

AG Wegner
16.07.2020



- 1) LDA, 1-bromobut-2-yne THF, -40 °C
- 2) Pd(OAc)₂ (20 mol %), BBEDA (20 mol %), PhH, 65 °C
- 3) MeNHOMe · HCl, MeMgBr, THF
- 4) Ethylene glycol, (EtO)₃CH, PPTS (10 mol %)

BBEDA=bis-benzylidene ethylenediamine

- 5) BH₃ · THF, THF, 0 °C, then NaOH, H₂O₂,
- 6) Piv-Cl, pyridine, CH₂Cl₂, -78 °C, then MeOH, DMP, NaHCO₃, CH₂Cl₂

- 7) Cp₂Ti(C₃H₅)₂, NaHCO₃, PhMe, 55 °C, then LiAlH₄, PhMe, 0 °C
- 8) NMO, TPAP (5 mol %), 4 Å MS, CH₂Cl₂
- 9) K₂CO₃, MeOH, then Ohira-Bestmann reagent

