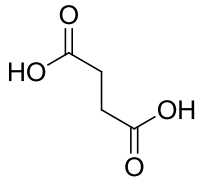
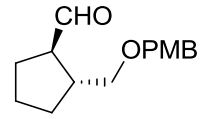


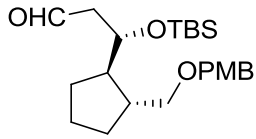
Naturstoffsynthese (Nagamitsu, 2007)



4 Schritte



Hosomi- Sakurai- Reaktion

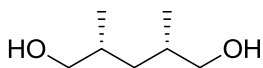
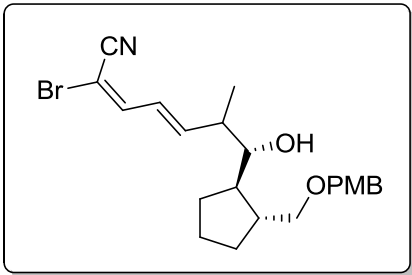


1. TBSOTf, 2,6- Lutidin, DCM, 0°C
2. kat. OsO₄, NMO, Aceton-H₂O, RT
3. NaIO₄, MeOH- H₂O, 0°C

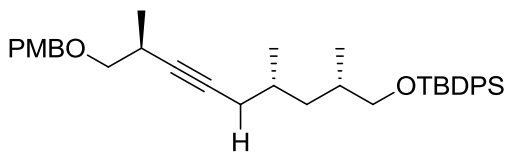
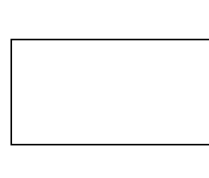
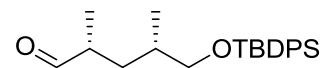


Re oder Si?

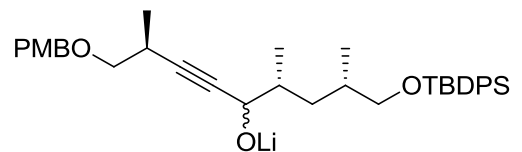
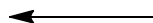
- 1.
- 2.
3. HF*Pyridin, THF, RT



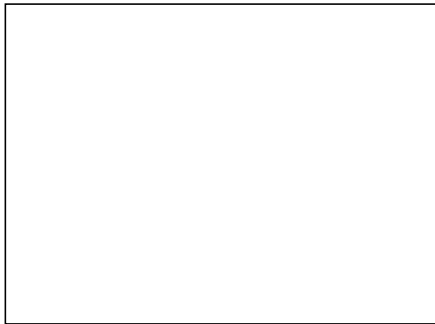
6 Schritte



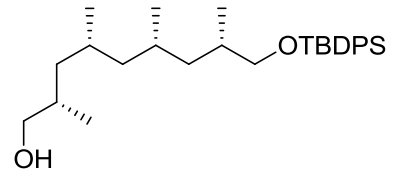
- 1.
- 2.



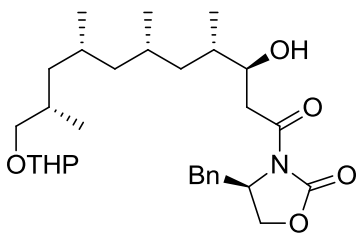
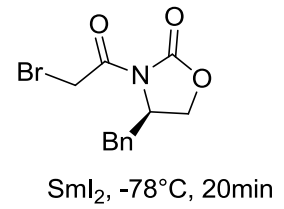
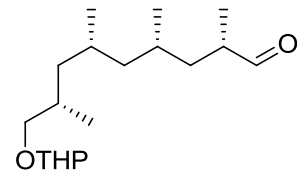
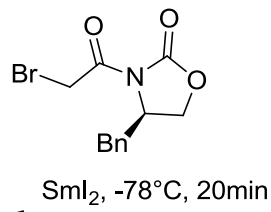
1. DDQ, DCM, H₂O, RT
2. Me₃Al-TiCl₄, DCM, -5 °C



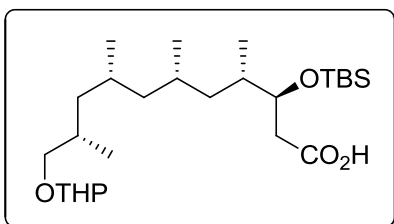
cat. Rh[(nbd)dppb]BF₄,
H₂, DCM, RT

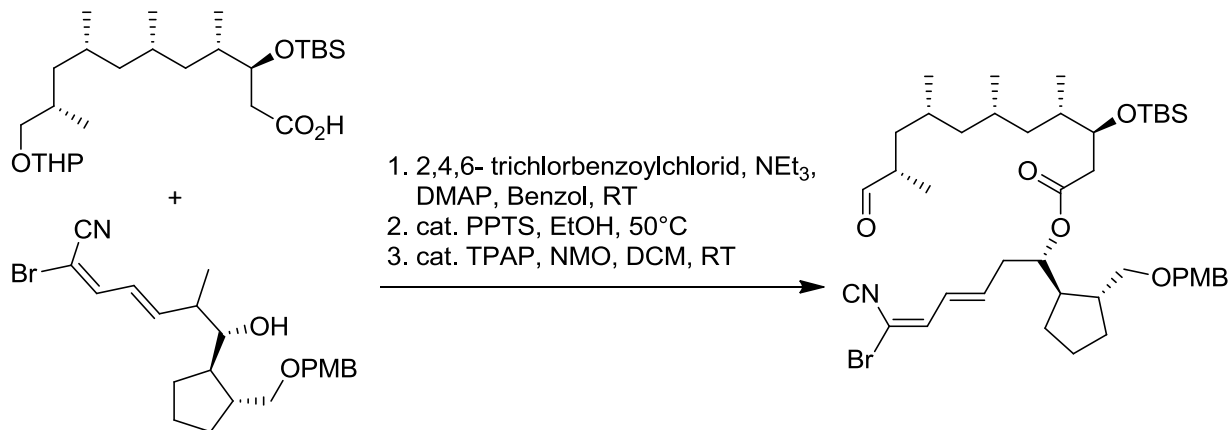


3 Schritte

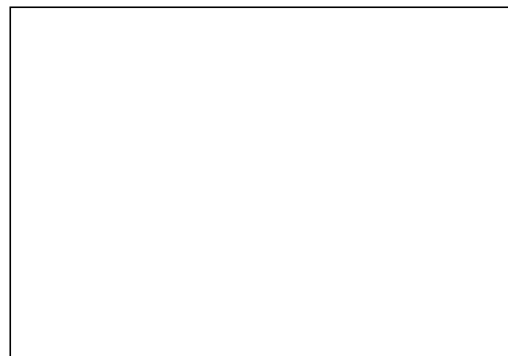


1. TBSOTf, 2,6-Lutidin, DCM, 0°C
2.





Intramolekulare Reformatsky
 15 eq Sml₂, 10 eq HMPA,
 THF, -78°C



5 Stufen

