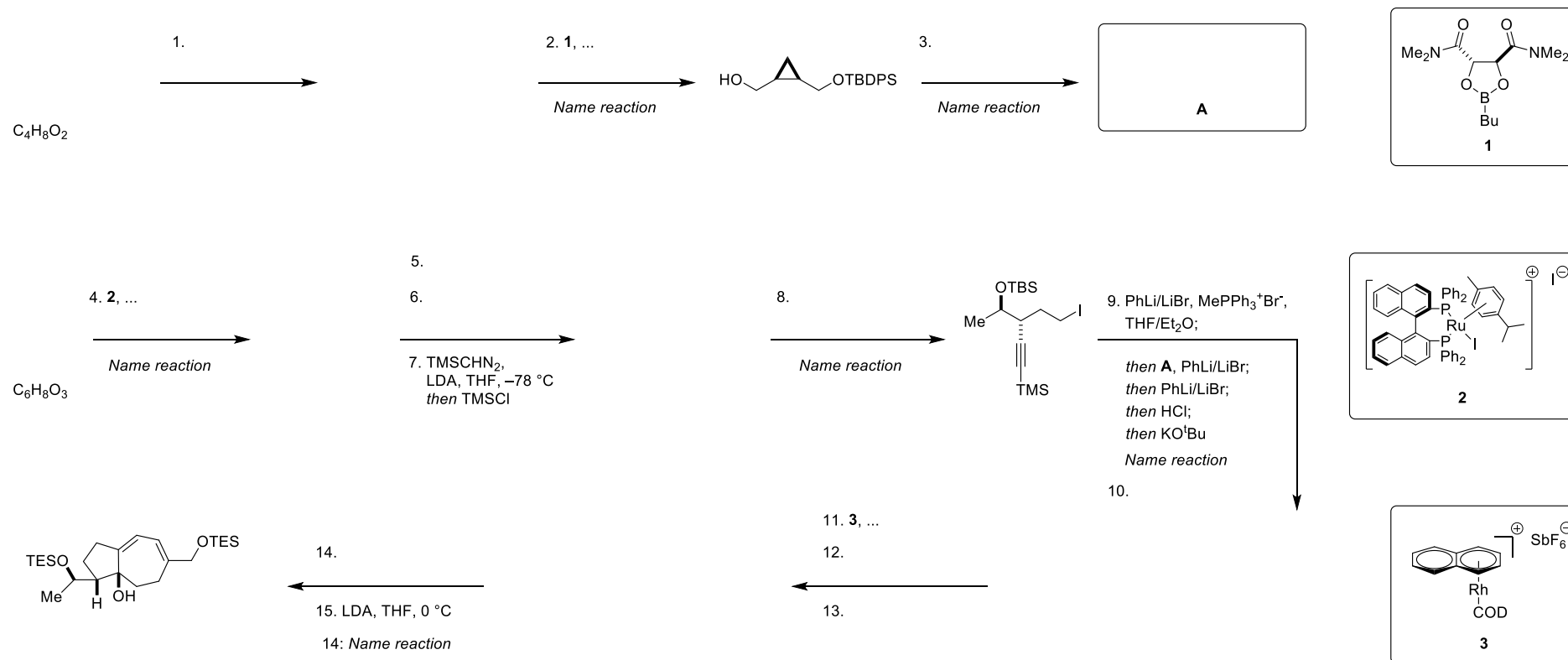


E263: Synthesis of (–)-Pseudolaric Acid B

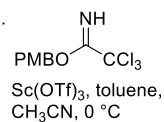


E263: Synthesis of (–)-Pseudolaric Acid B

16.
17. MnO_2 , KCN, AcOH,
MeOH
18.

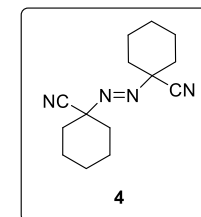
17: Name reaction

19.
20. PhSeSePh , NaBH_4 ,
DMF
21.



22. 4, ...

then DBU



26. $\text{TMS}-\text{C}\equiv\text{C}-\text{CeCl}_2\cdot 2\text{LiCl}$,
THF, -78 °C
27. $[\text{Bu}_2\text{Sn}(\text{SCN})_2]\text{O}$, toluene,
130 °C

28.

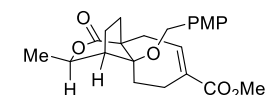
27: Name reagent

23. KOTMS, toluene, 120 °C;
then Me_2SO_4 , buffer, 100 °C

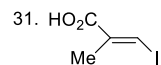
24.

25. DDQ, buffer pH = 7, DCM,
0 - 23 °C

24: Name reagent



29. $\text{Sc}(\text{OTf})_3$, Ac_2O
30. $\text{Pd}(\text{PPh}_3)_2\text{Cl}_2$,
 Bu_3SnH , THF



...

Name reaction

pseudolaric acid B