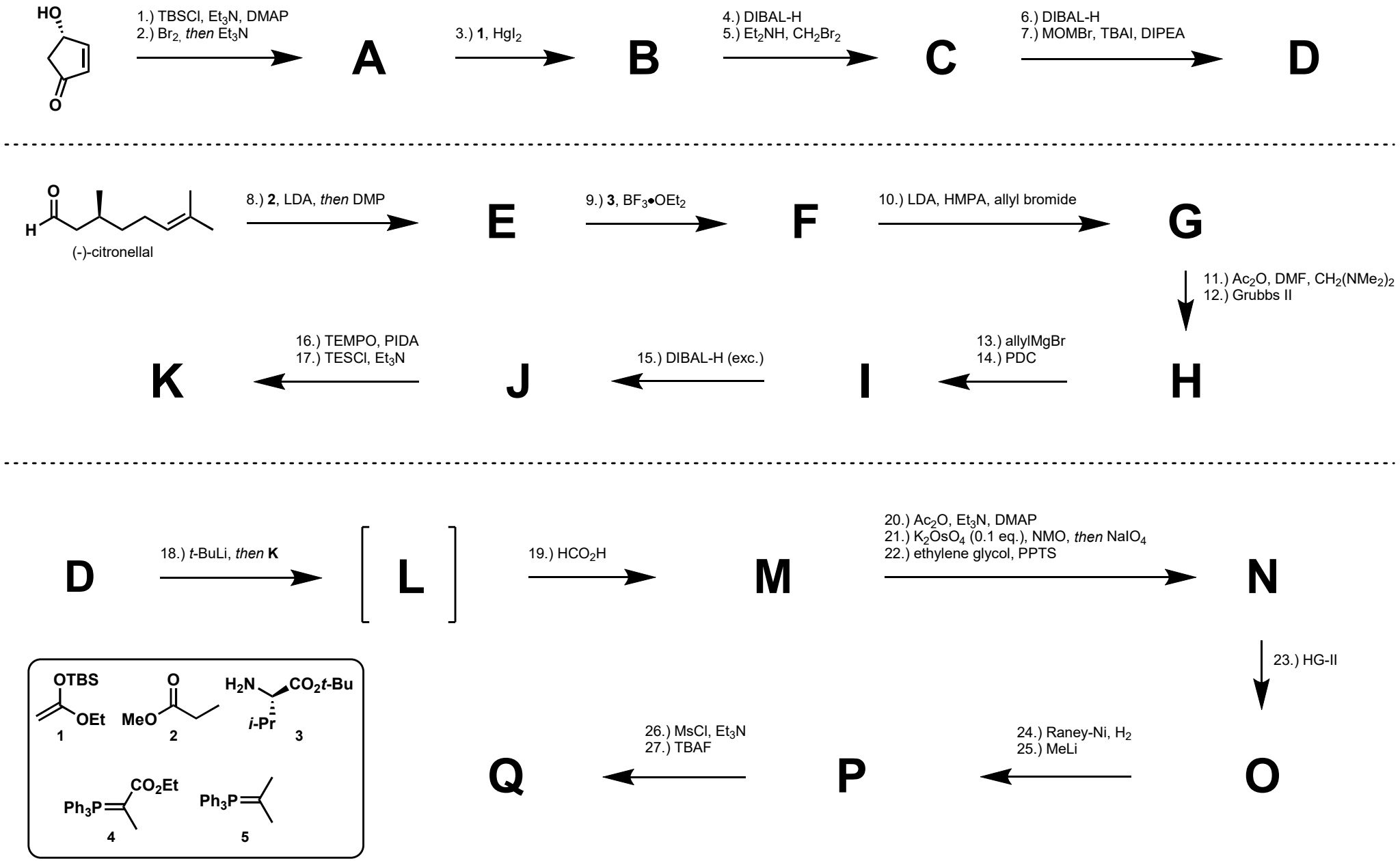
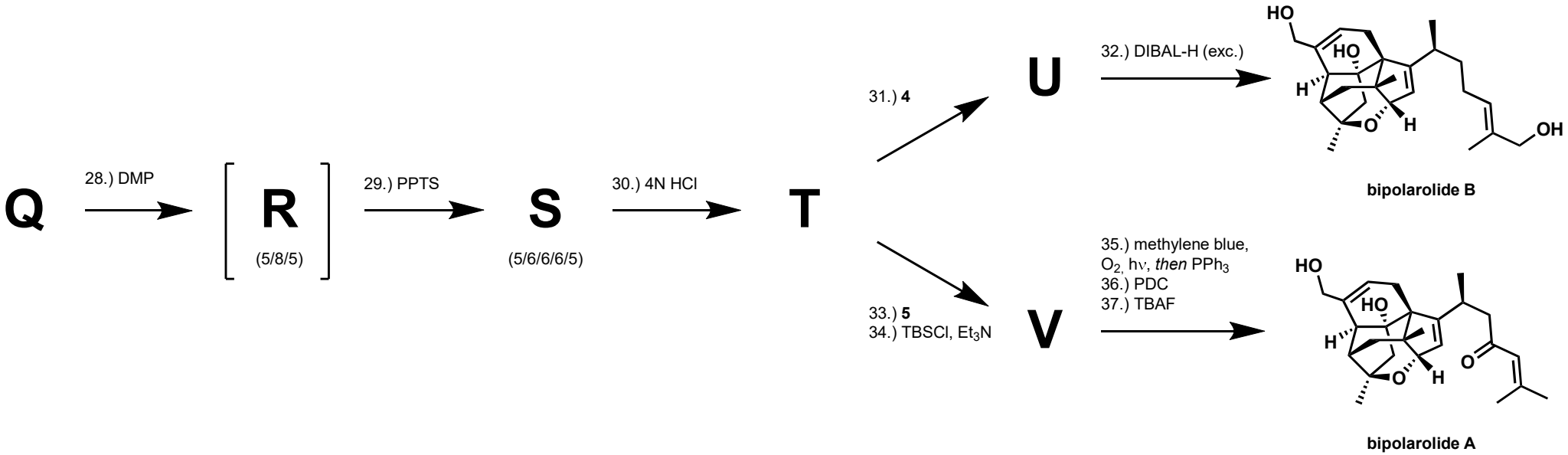
Bioinspired Total Synthesis of Bipolarolides A and B

Denksport Philipp Schoch 17.04.24




Q
28.) DMP
R
(5/8/5)
29.) PPTS
S
(5/6/6/6/5)
30.) 4N HCl
T
31.) 4
U
32.) DIBAL-H (exc.)
HO
HO
H
O
H
OH
bipolarolide B
33.) 5
34.) TBSCl, Et3N
V
35.) methylene blue,
O2, hν, then PPh3
36.) PDC
37.) TBAF
HO
HO
H
O
H
O
bipolarolide A