Propose a synthesis for the following transformations.

b. OH OH NaBH₄ (excess) MeOH

Br₂ h
V
 NaOCH₃ O H

2. DMS

f. OH CrO₃,
$$H_2SO_4$$
 H₂O OH OH H_2SO_4 OH OTS KO^tBu 1. $BH_3^{\bullet}THF$ 2. $NaOH$, H_2O_2

Ch. 13 Synthesis Worksheet