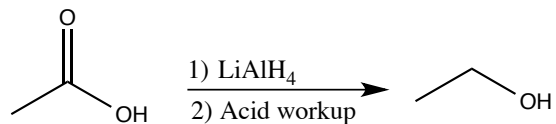


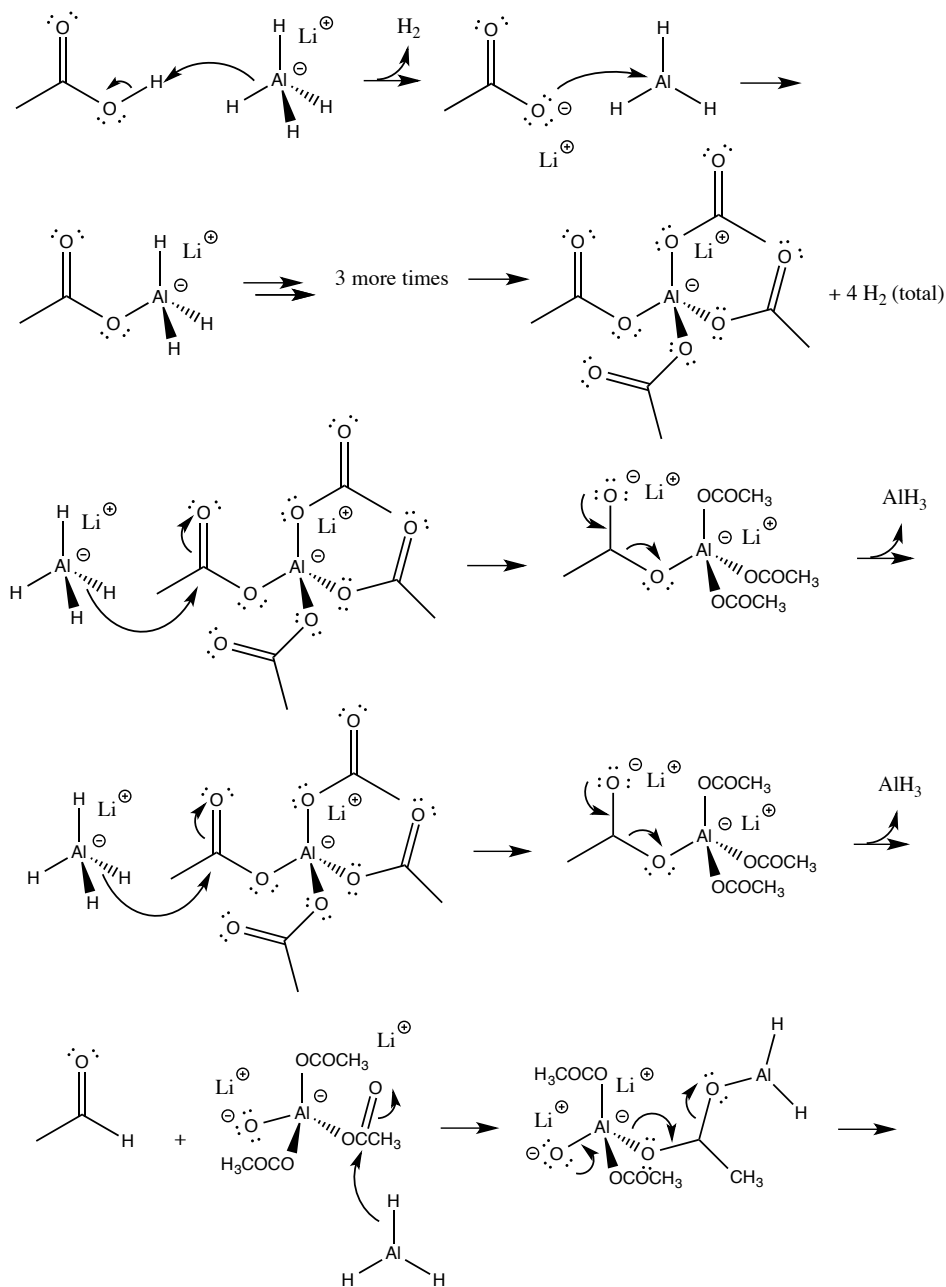
Chem 345 – Organic Reactions Chapter 20
Prepared by José Laboy, MS
<http://www.chem.wisc.edu/areas/clc> (Resource page)

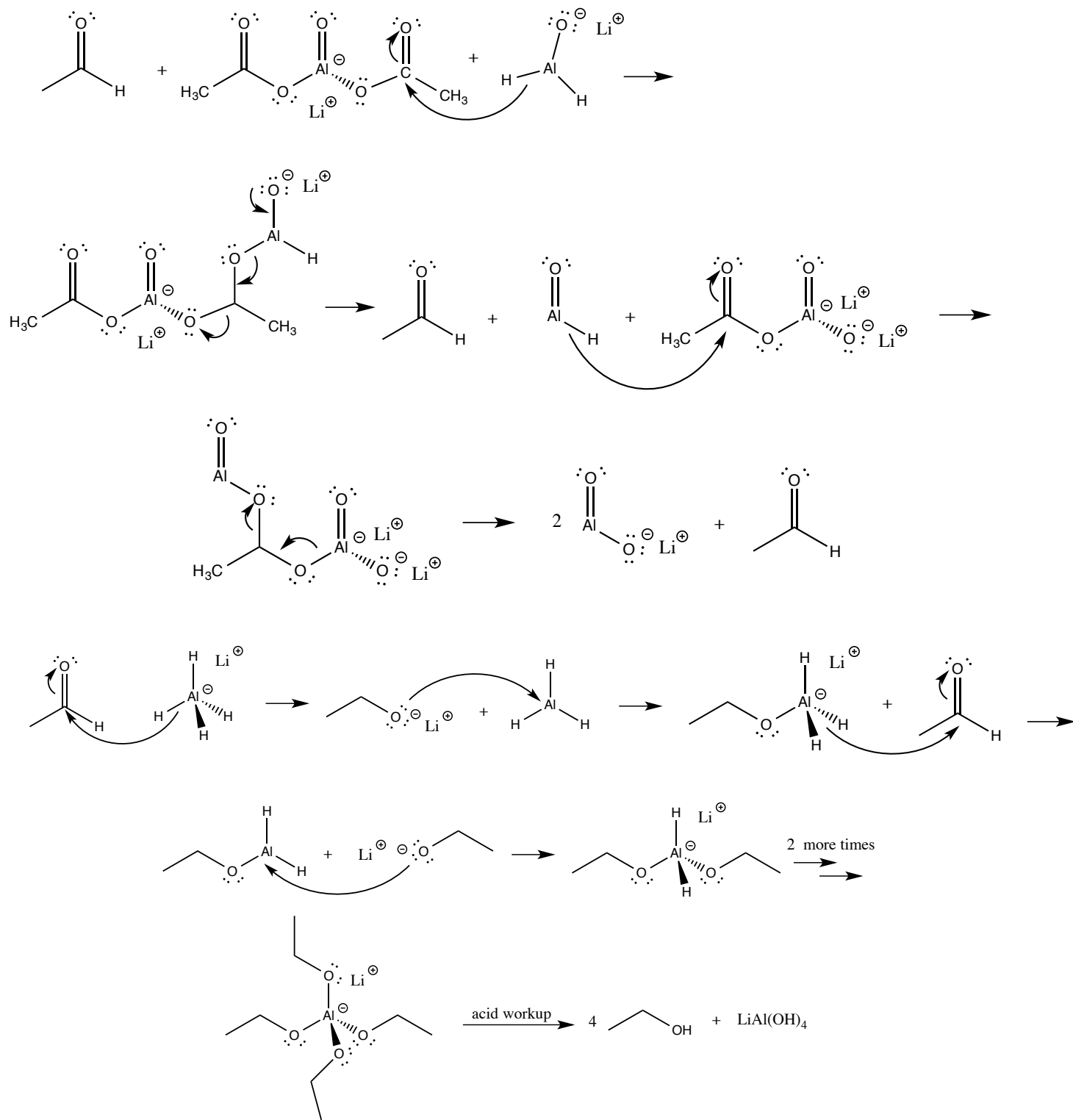
Carboxylic Acid Reduction by LiAlH₄

Reaction:



Mechanism:





The mechanism of the reduction of a carboxylic acid is quite involved. For each LiAlH_4 used you get 4 molecules of product. The net reaction equation is:

