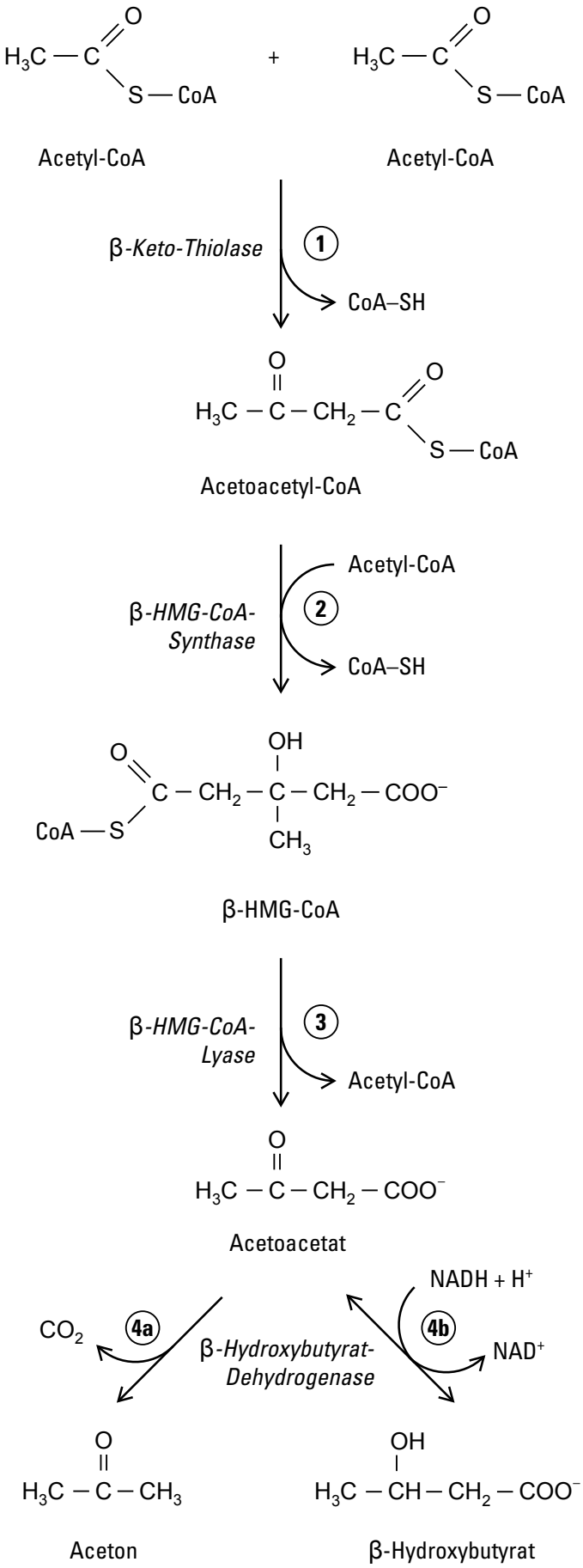
Acetyl-CoA
Acetyl-CoA
β-Keto-Thiolase
1
CoA–SH
Acetoacetyl-CoA
Acetyl-CoA
β-HMG-CoA-Synthase
2
CoA–SH
β-HMG-CoA
β-HMG-CoA-Lyase
3
Acetyl-CoA
Acetoacetat
NADH + H+
CO2
4a
4b
NAD+
β-Hydroxybutyrat-Dehydrogenase
Aceton
β-Hydroxybutyrat