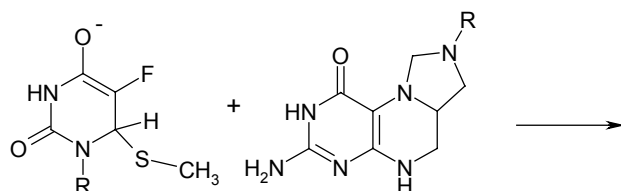
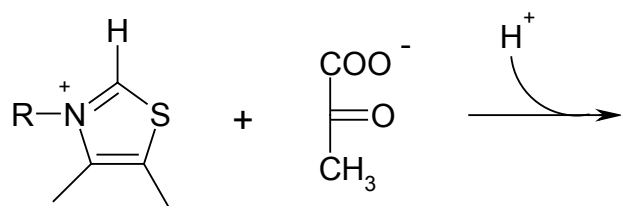
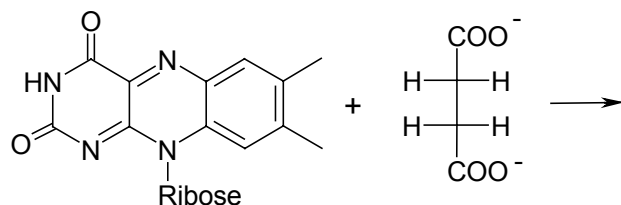
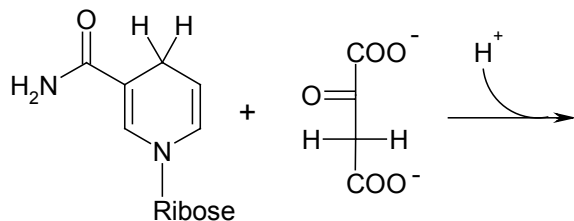


Chem 109C (Kahn)

Complete the following reactions and name the participating cofactor.



- 1) All lipids possess at least one carbonyl group?
- 2) Phosphatidylserine is a complex lipid found in cell membranes?
- 3) Vitamin E is antioxidant that protects cell membranes from oxidative damage?
- 4) Monounsaturated fatty acids are important nutrients because they serve as precursors for arachidonic acid, from which prostaglandins can be synthesized?
- 5) Testosterone is a steroid hormone that stimulates muscle growth and social competition in animals?