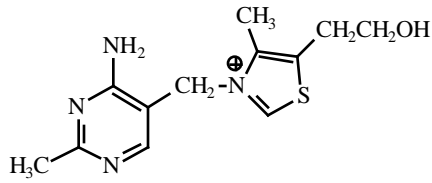
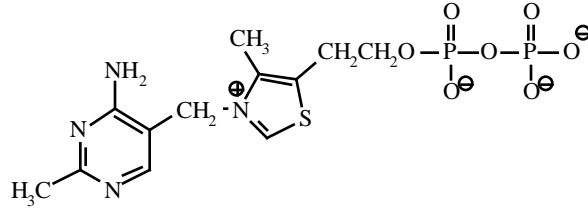


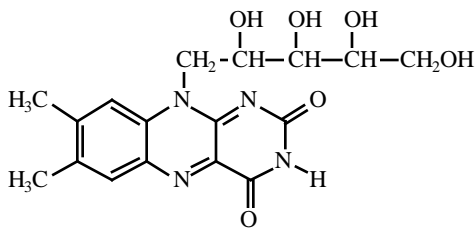
VITAMIN AND COENZYME STRUCTURES



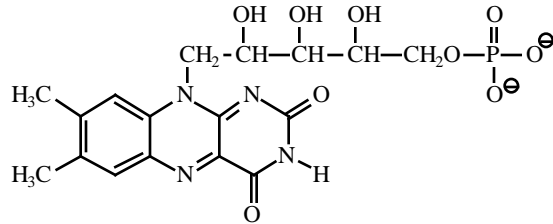
Thiamin (Vitamin B₁)



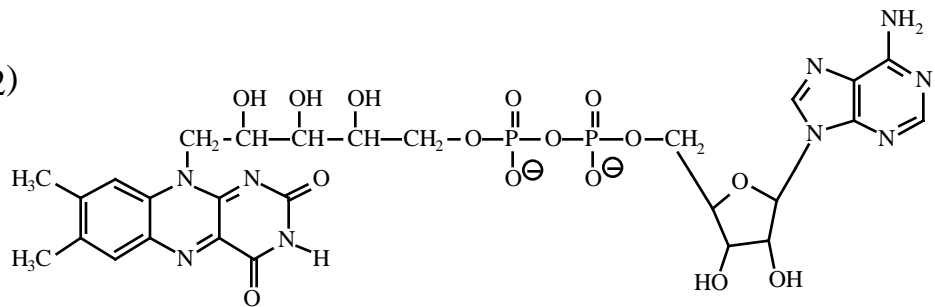
THIAMIN PYROPHOSPHATE (TPP)



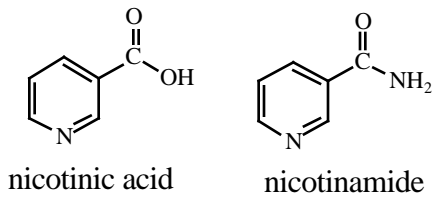
Riboflavin (Vitamin B₂)



FLAVIN MONONUCLEOTIDE (FMN)



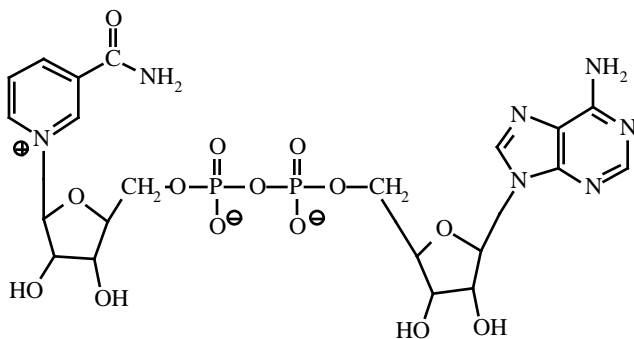
FLAVIN ADENINE DINUCLEOTIDE (FAD)



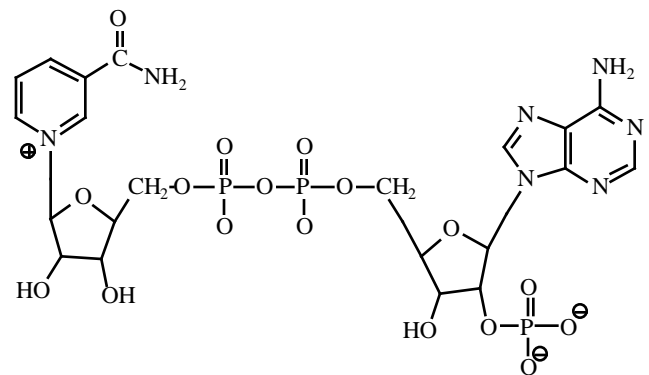
nicotinic acid

nicotinamide

Niacin (Vitamin B₃)



NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD⁺)



NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE (NADP⁺)