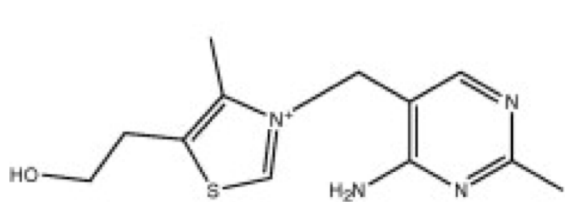
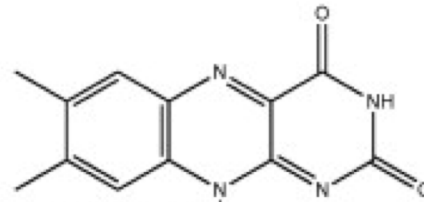


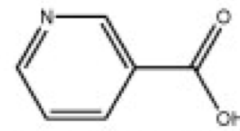
B Vitamins



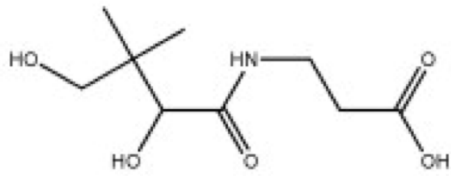
Thiamin, B1



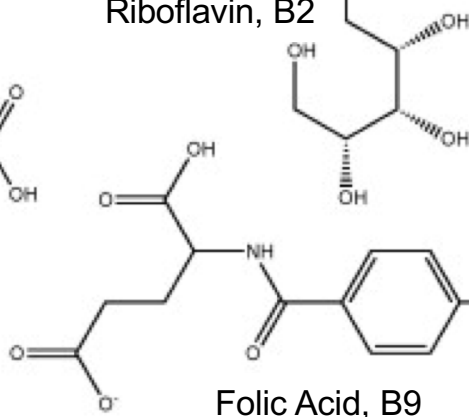
Riboflavin, B2



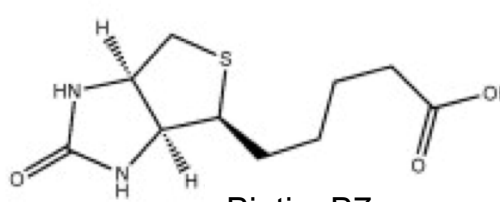
Niacin, B3



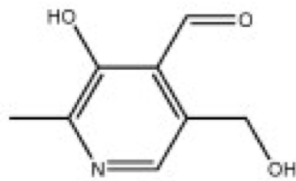
Pantothenic Acid, B5



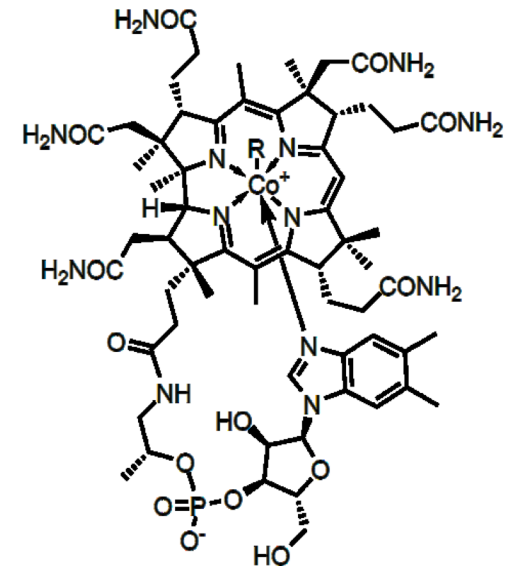
Folic Acid, B9



Biotin, B7

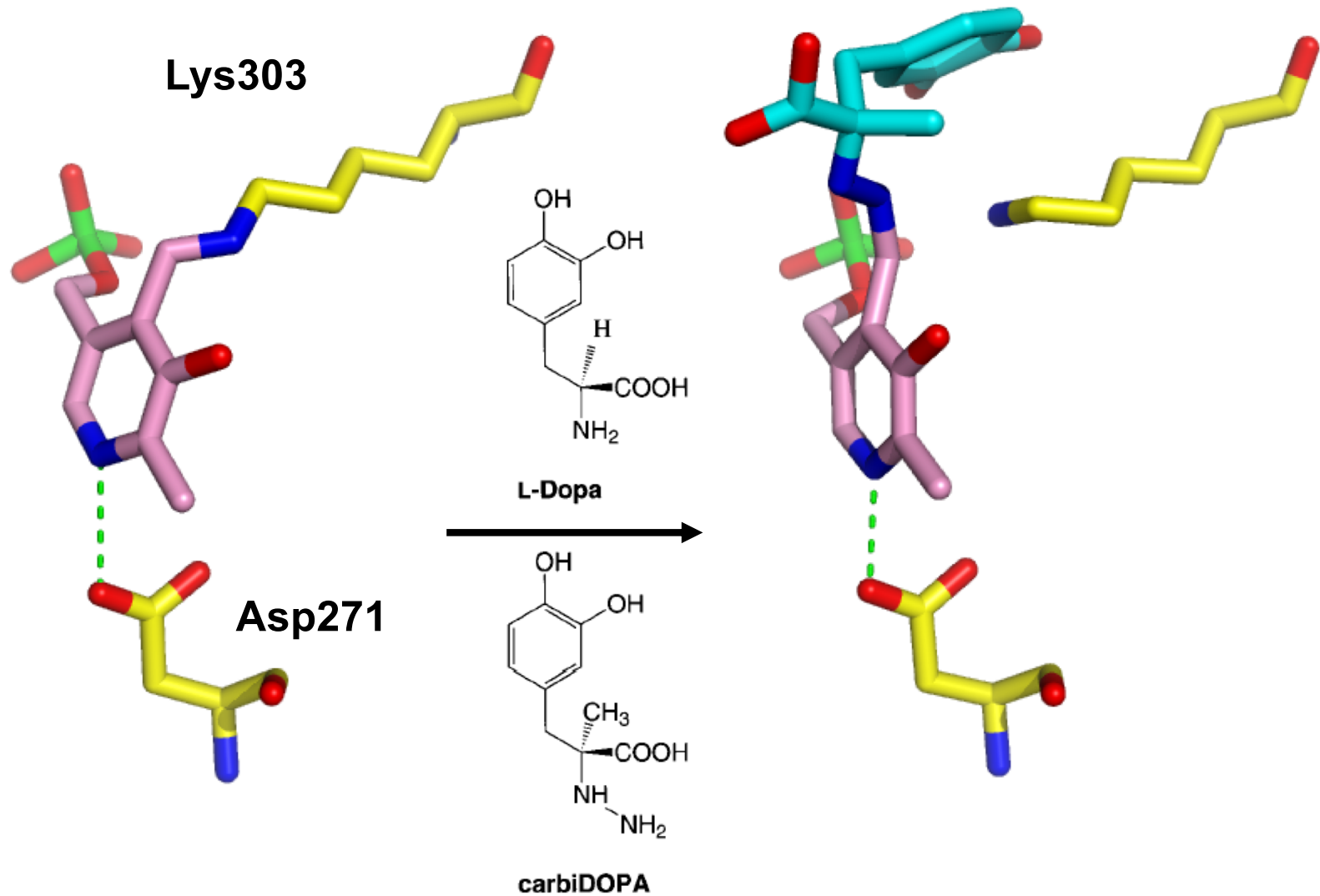


Pyridoxal, B6

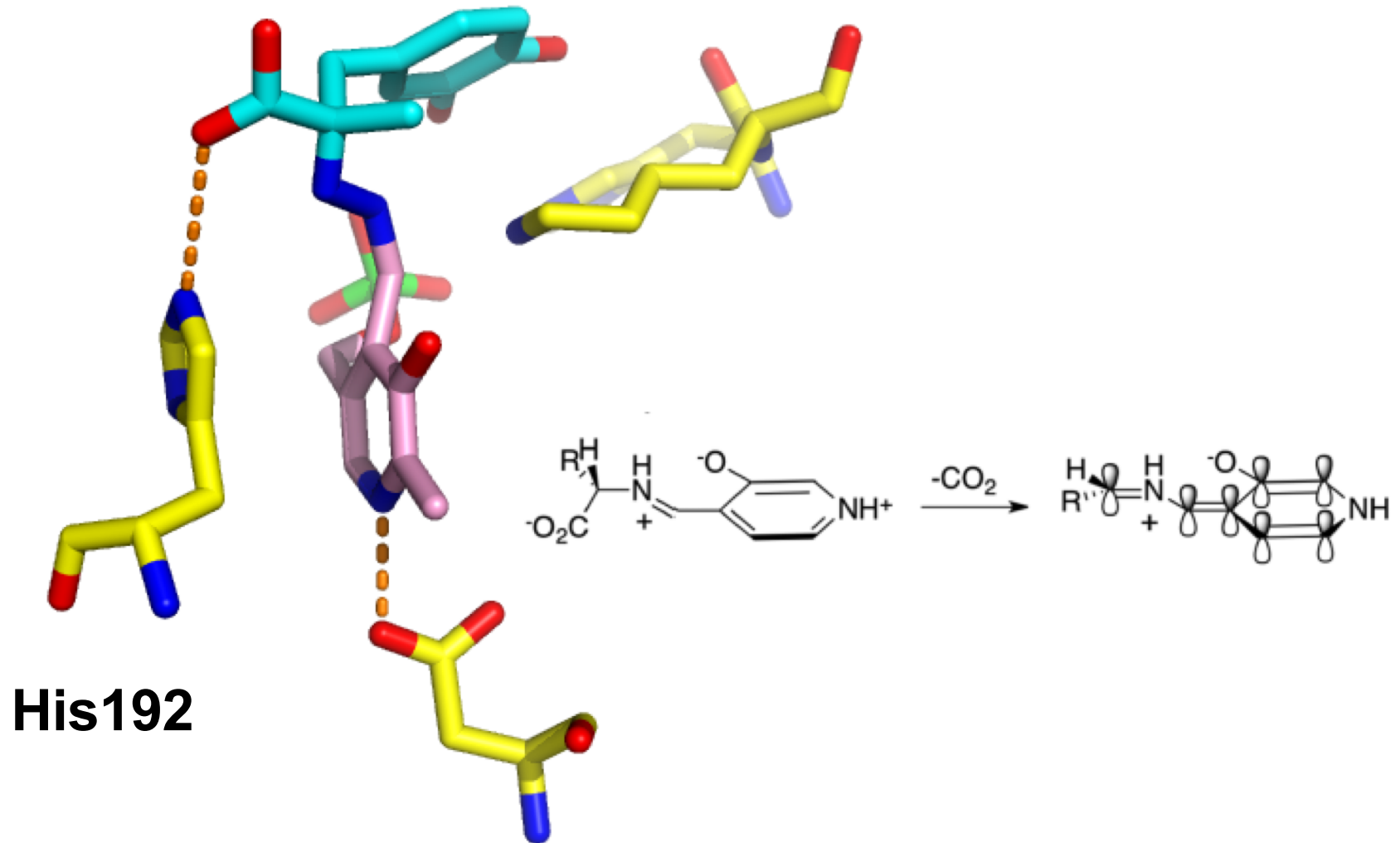


Cobalamin, B12

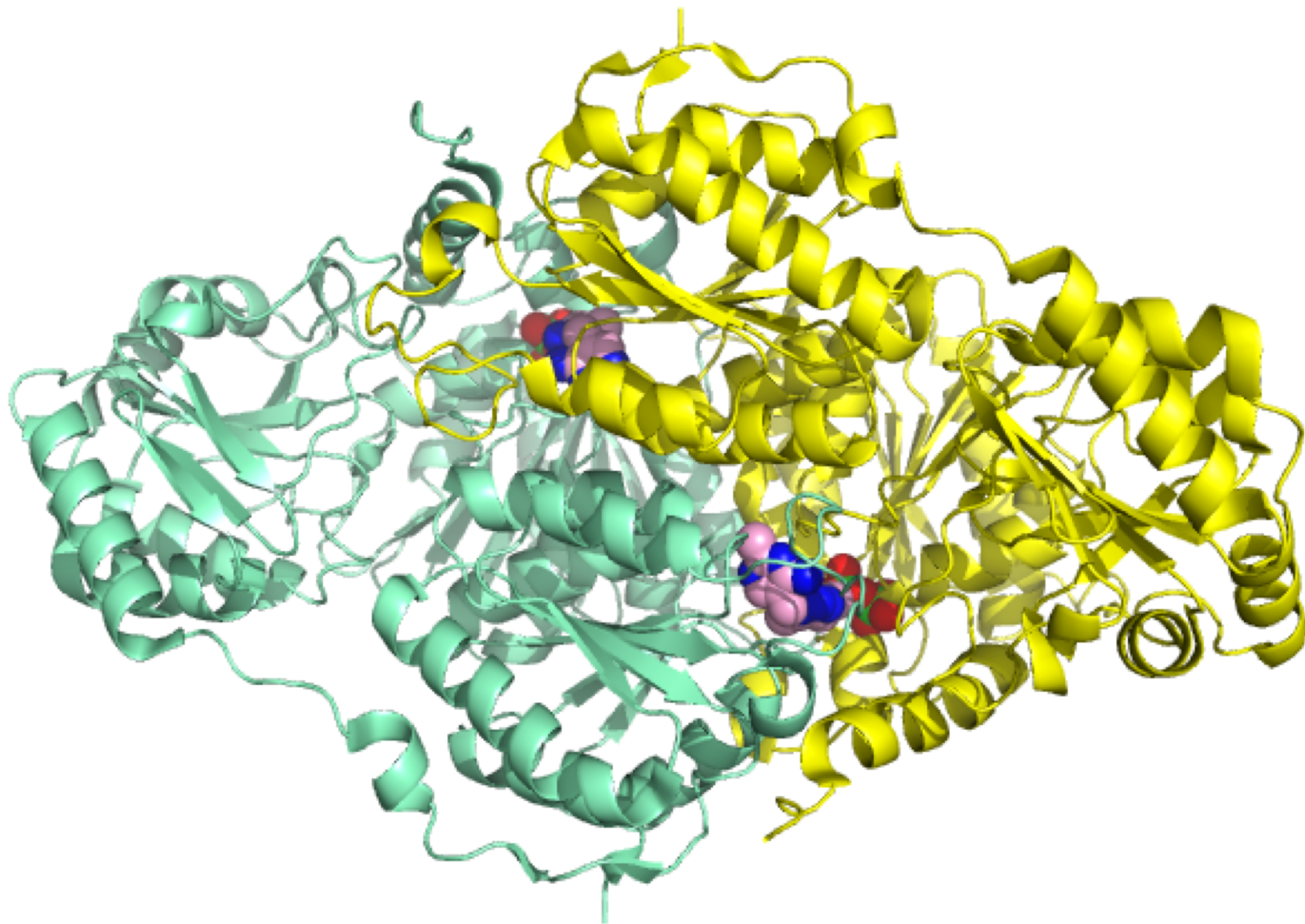
DOPA Decarboxylase



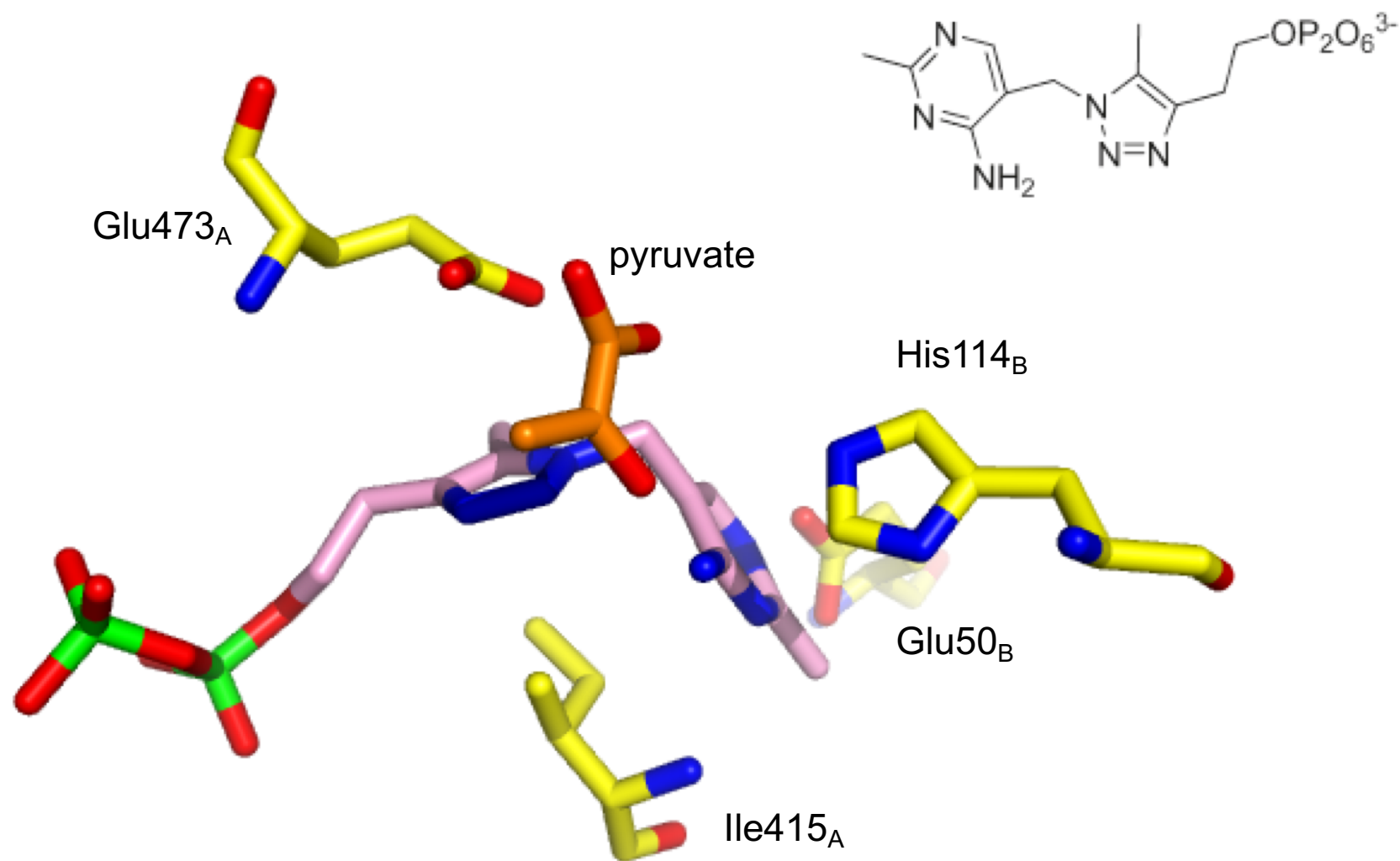
Positioning Carboxylate



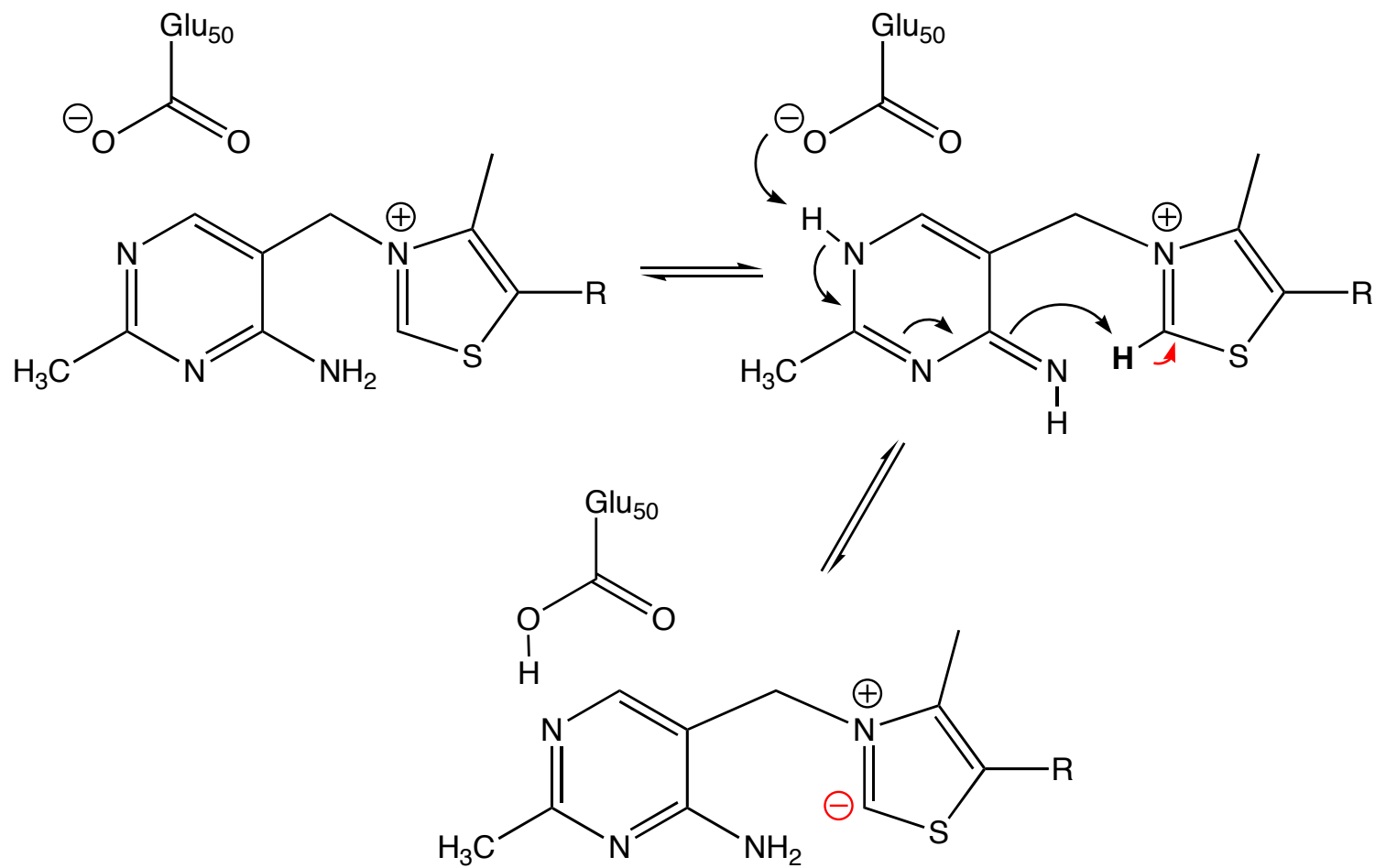
TPP is bound deep in PyrDC active site



Active Site of Pyruvate DC



Ylide Formation



Pyruvate DC Mechanism

