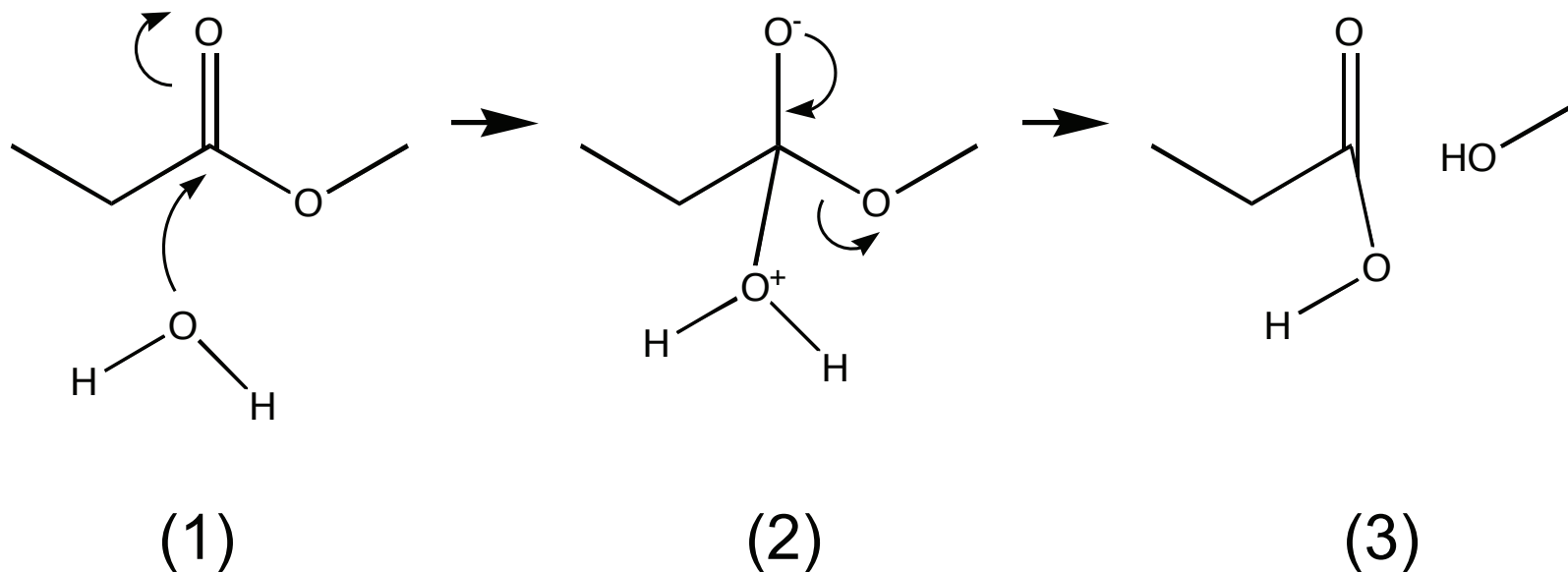


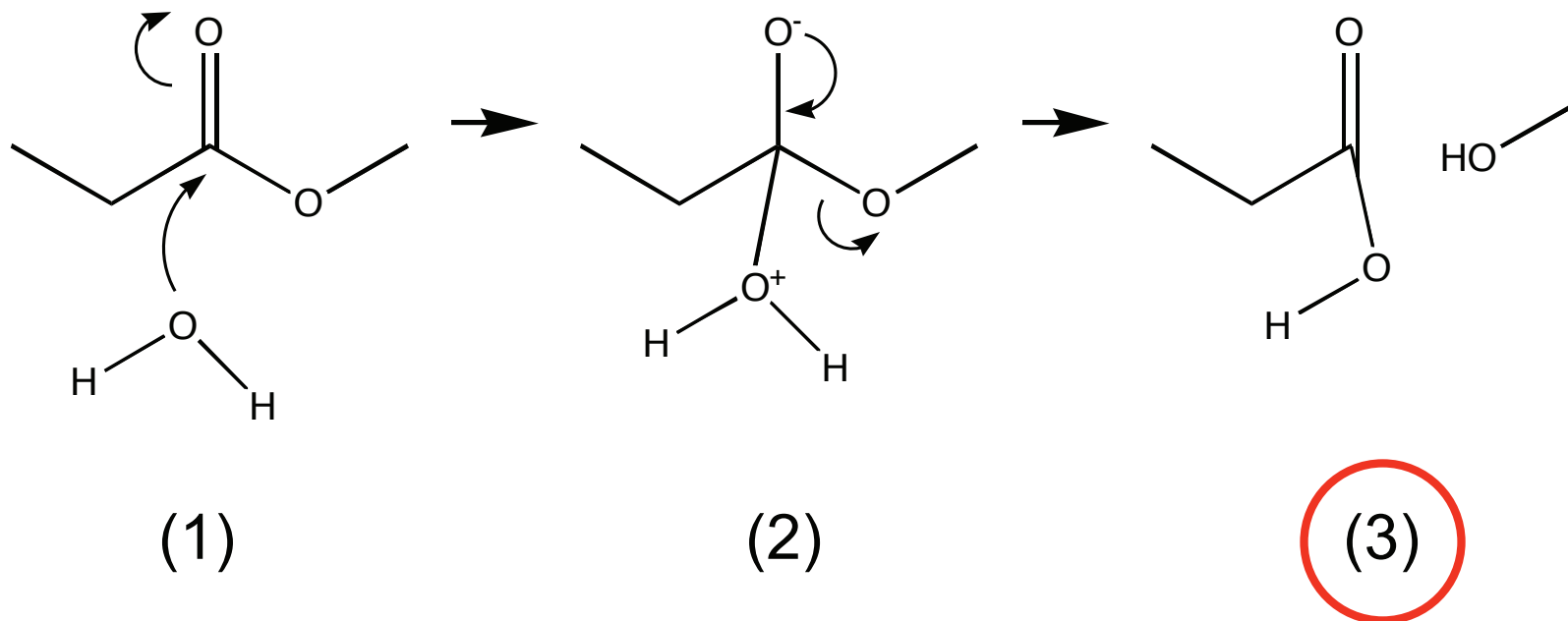
Catalysis



This is a favorable reaction overall.
Which is lowest in energy?

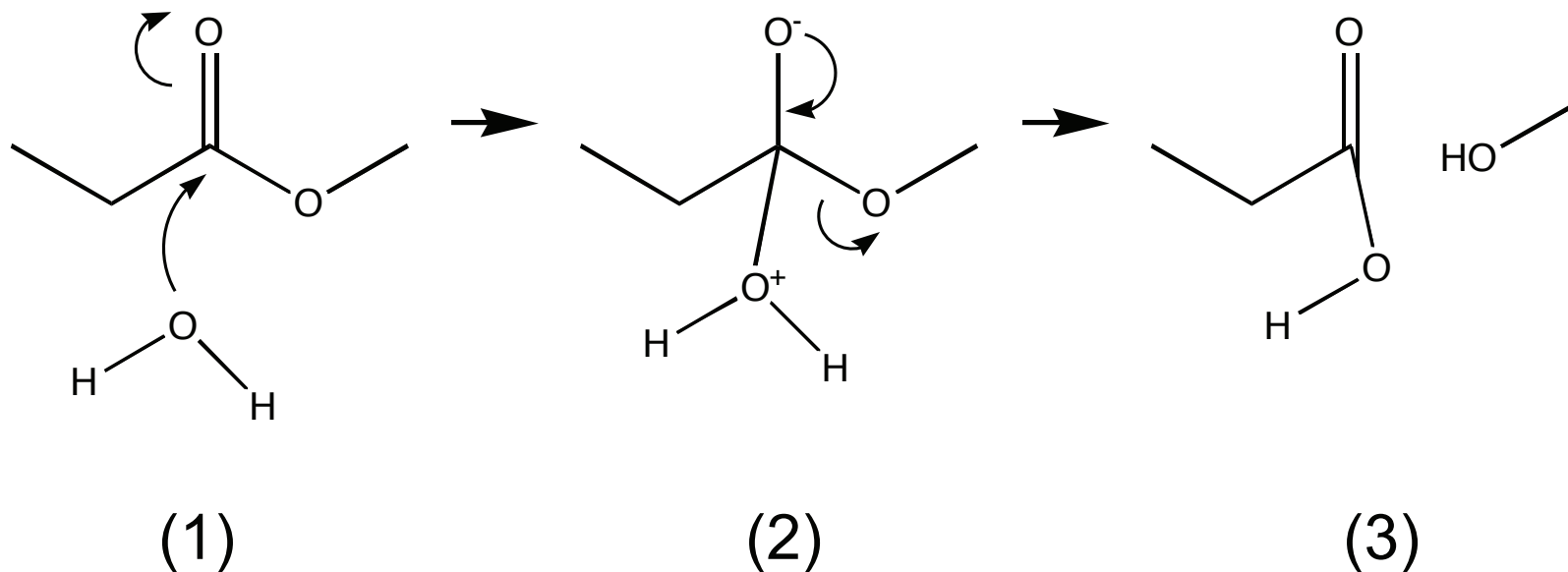


Catalysis



This is a favorable reaction overall.
Which is lowest in energy?

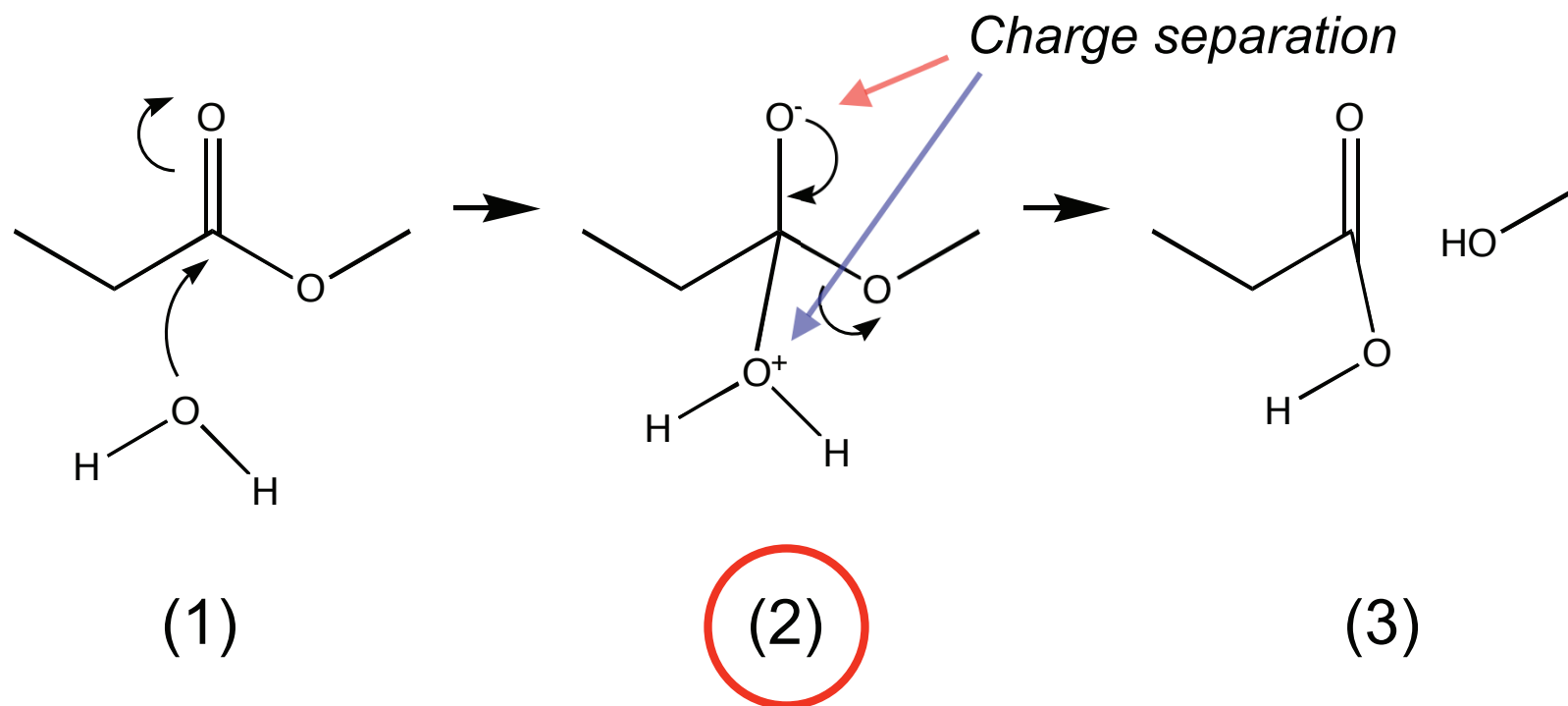
Catalysis



Which is highest in energy?

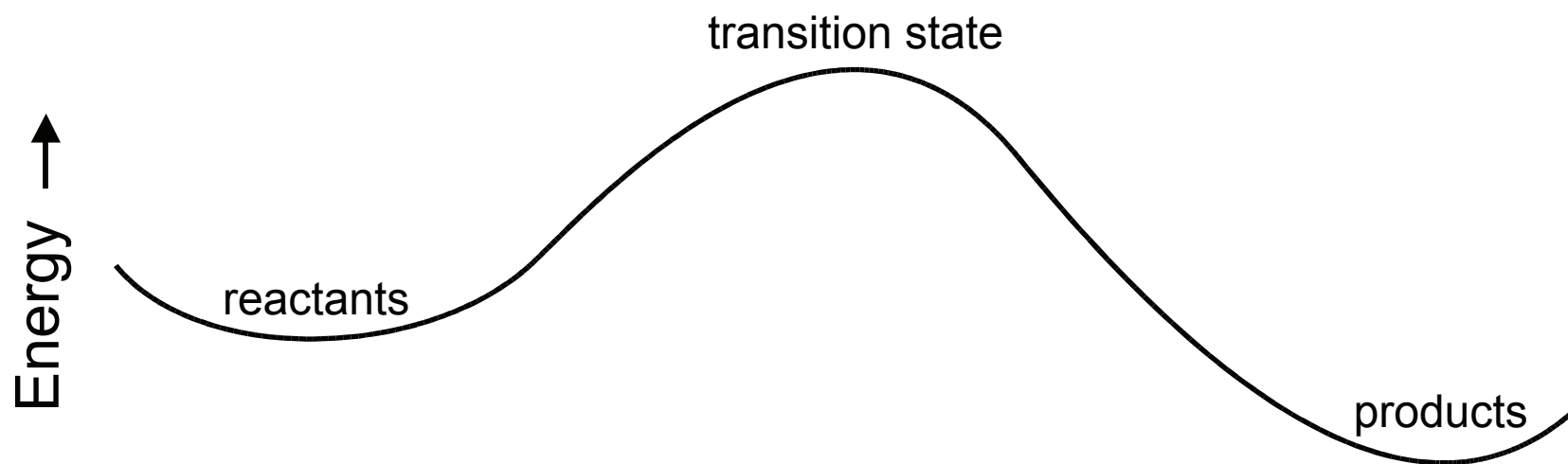
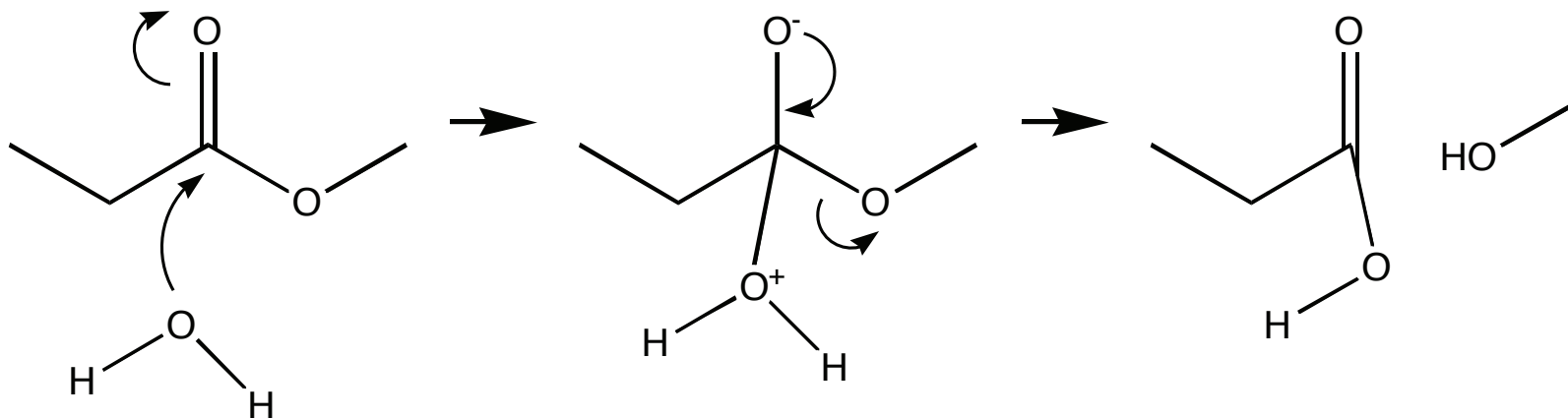


Catalysis

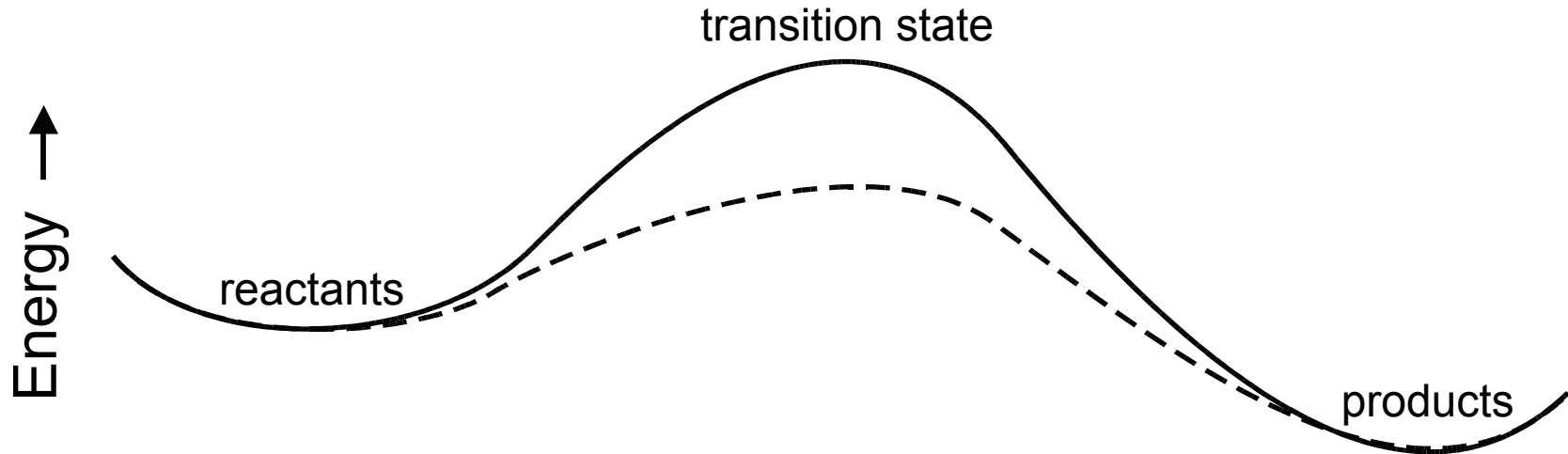
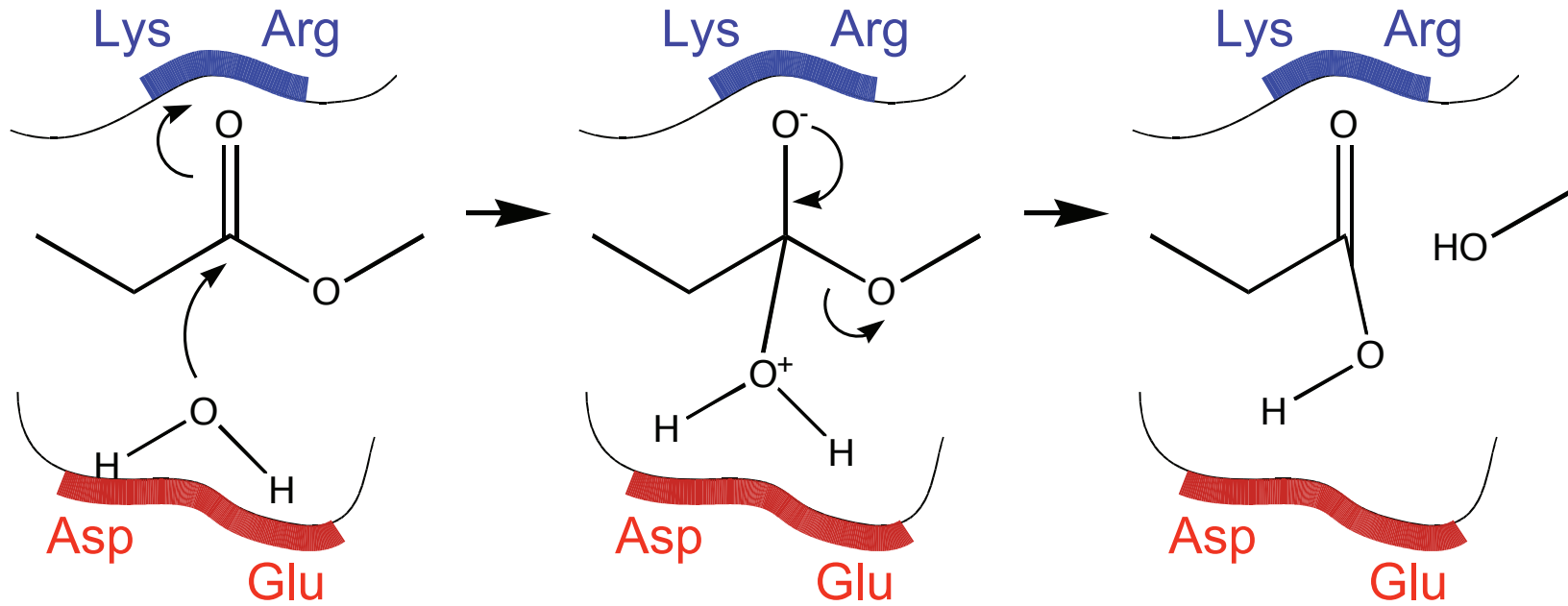


Which is highest in energy?

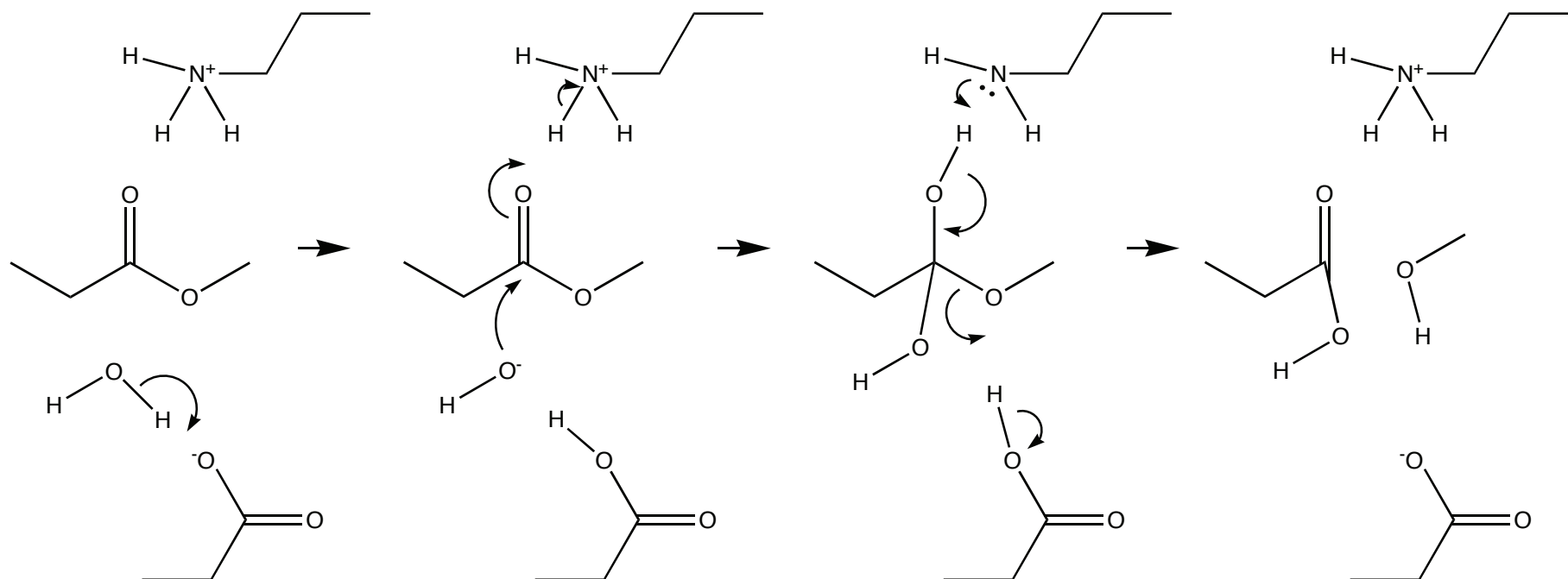
Catalysis



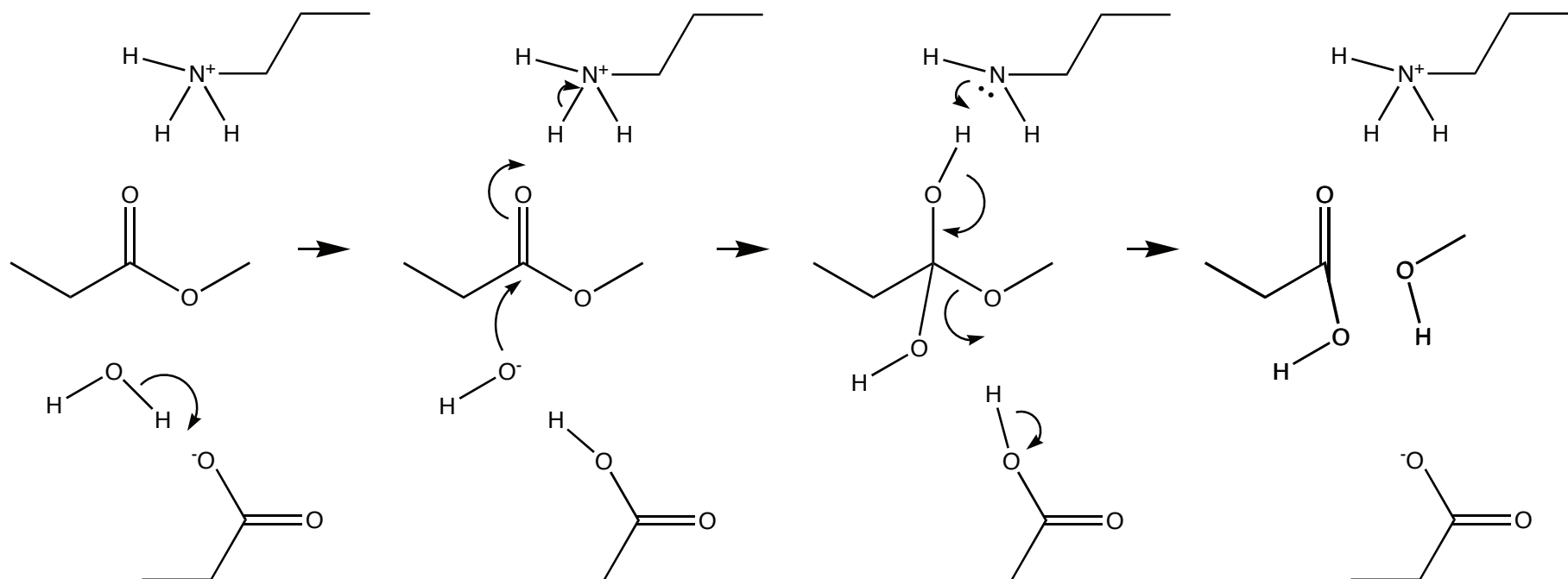
Catalysis



Catalysis



Catalysis



The enzyme comes out unchanged at the end!

This is the ***definition*** of a catalyst

Enzyme Catalysis

Substrate specificity

