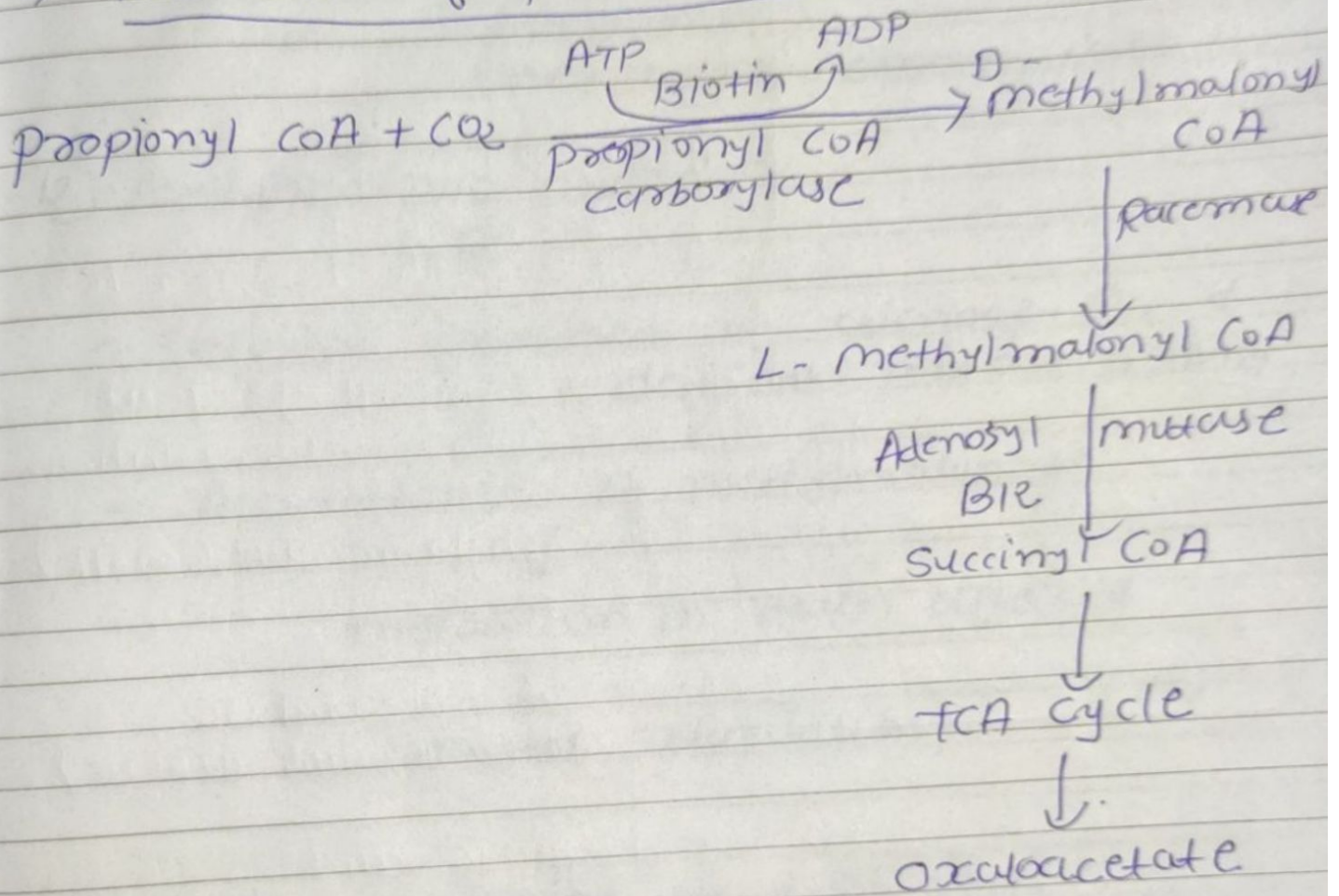


→ metabolism of propionic acid:



→ propionic acid derived from -

metabolism of odd chain fatty acid  
Isoleucine  
valine

→ FA not used for gluconeogenesis

→ odd chain FA used for gluconeogenesis

↓  
enter in TCA cycle after CO<sub>2</sub> elimination steps

present in cow's milk. - odd chain F.A.