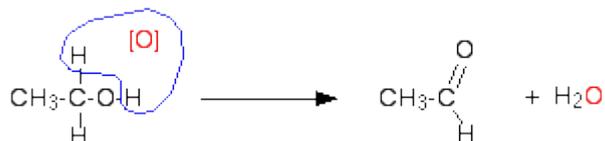


Answer on Question#57848 – Chemistry – Organic chemistry

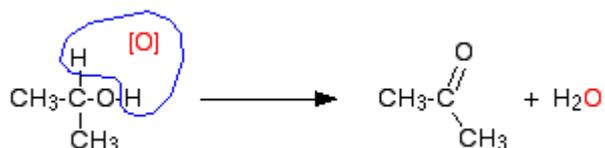
Question: please explain the oxidation of tertiary alcohol

Answer: The oxidation of primary and secondary alcohols occurs with the participation hydrogen atoms attached to the oxygen bearing carbon. Schemes:

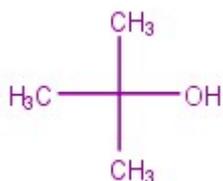
- Oxidation primary alcohols



- Oxidation secondary alcohols



Tertiary alcohols don't have a hydrogen atom attached to that carbon.



So, tertiary alcohols are resistant to oxidation.