

Q) Sodium salt of which acid will be needed for the preparation of propane ? Write chemical equation for the reaction.

A) Butanoic acid,



2. Why iodination of alkane is done in presence of HIO_3 or HNO_3 ?

3. Convert the following 1) ethanoic acid into methane
2) ethanoic acid into ethane

A) 2. Oxidising agent like HIO_3 / HNO_3 is added during iodination for reduction of HI into Iodine to prevent reversible reaction

3 (1) Decarboxylation by heating with sodalime
(2) By Kolbe's electrolysis