

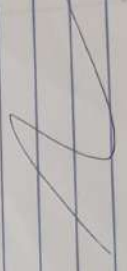
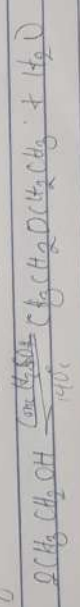
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TABLES

- 1. $\text{C}_2\text{H}_5\text{OH}$ - Primary alcohols
- 2. $\text{C}_2\text{H}_5\text{OC}_2\text{H}_5$ - Ether
- 3. $\text{C}_2\text{H}_5\text{CO}_2\text{C}_2\text{H}_5$ - Ester
- 4. $\text{C}_2\text{H}_5\text{CHO}$ - Aldehyde
- 5. $\text{C}_2\text{H}_5\text{COOH}$ - Carboxylic acid
- 6. $\text{C}_2\text{H}_5\text{CN}$ - Nitrile
- 7. $\text{C}_2\text{H}_5\text{N}_3$ - Azide
- 8. $\text{C}_2\text{H}_5\text{NO}_2$ - Nitro compound
- 9. $\text{C}_2\text{H}_5\text{S}_2$ - Disulfide
- 10. $\text{C}_2\text{H}_5\text{SH}$ - Thiol
- 11. $\text{C}_2\text{H}_5\text{SO}_2\text{C}_2\text{H}_5$ - Sulfoxide
- 12. $\text{C}_2\text{H}_5\text{SO}_3\text{C}_2\text{H}_5$ - Sulfonate
- 13. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfamide
- 14. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide
- 15. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide
- 16. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide
- 17. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide
- 18. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide
- 19. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide
- 20. $\text{C}_2\text{H}_5\text{SO}_2\text{NH}_2$ - Sulfonamide

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3. Primary Derivatives of Petroleum
Simple ethers are manufactured from alcohols by catalytic dehydration. The alcohol is used and temperature of 140°C . The H_2O is removed as a gas. If more alcohol is used and another form is used, the reaction is further dehydration occurs.



Williamson's Synthesis -

Mixed of simple alkyl or aryl structure may be prepared by Williamson's synthesis. The process involves the displacement of a halogen from an alkyl halide by an alkoxide (alkoxide) or phenoxide ion.



Uses of alkylare ether

- > Used in the preparation of emulsifying agents
- > Used as general anesthetics
- > Used as intermediates in the synthesis of organic dyes.