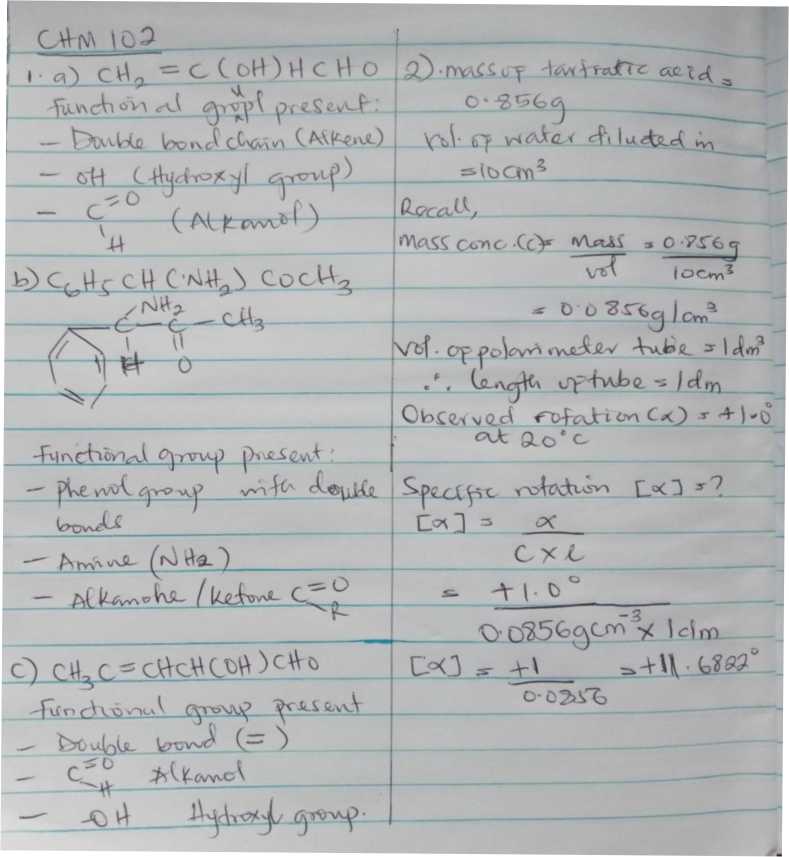
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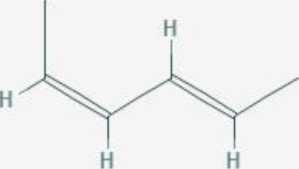
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CHM 102

1&2.



3. Hexa-2,4-diene - has only 3 isomers



Isomers



*trans trans* isomer

(2E,4E)-hexa-2.4-dieiie

*cis-trans* isomer (2E.4Z)-hexa-2.4-dicnc (2Z.4E>hexa-2.4-<iiene

*cis-cis* isomer

(2Z.4Z)-hexa-2.4-dieue

B. 2,3 dimethy but-2-ene. - does not have geometric isomers because there are two identical groups attached to the same carbon of the double bond.

ch3

2,3-dimethylbut-2-ene