

AKURE Daniel. D

19/ENG04/004

Elect/Elect Eng

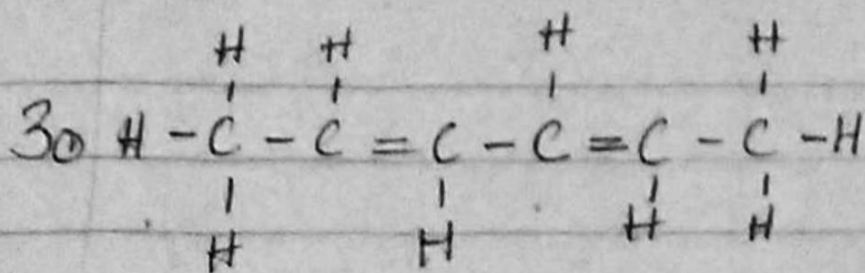
CHM 102

- 10 - Formyl / Aldehyde group  $\rightarrow$  CHO  
- Hydroxyl group  $\rightarrow$  OH  
- Alkene group  $\rightarrow$  "=" double bond
- 11 - Carbonyl group  $\rightarrow$   $>C=O$   
- Amine group  $\rightarrow$   $(NH_2)$   
- Phenyl group
- 12 - Aldehyde group  
- Hydroxyl group  
- Double bond / Alkene group

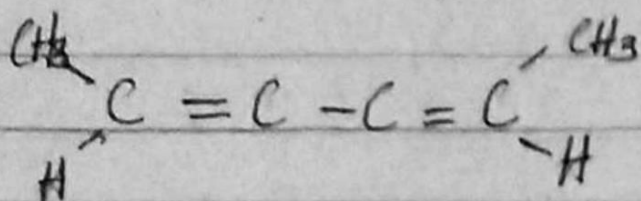
$$2 \quad [\alpha]_D^{25} = \frac{\alpha}{c \cdot l}; \quad \alpha = 41.0^\circ$$

$$c = \frac{0.856}{10} = 0.0856 \text{ g/cm}^3$$

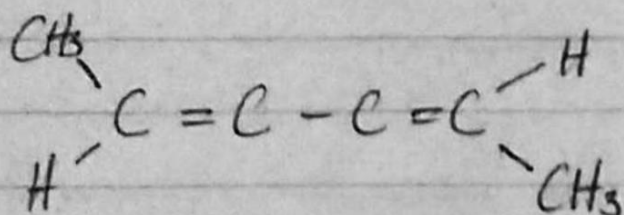
$$= \frac{41.0}{0.0856} = 11.68^\circ \text{ dl}$$



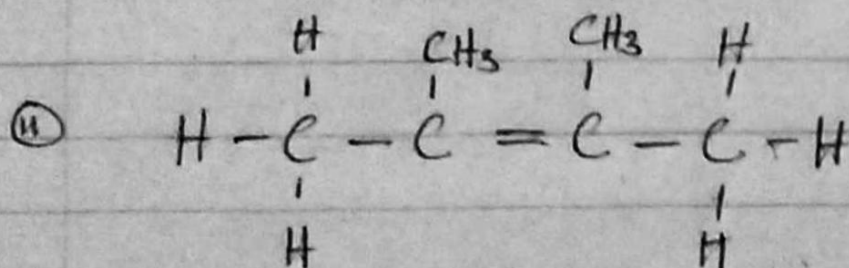
Hexa-2,4-diene



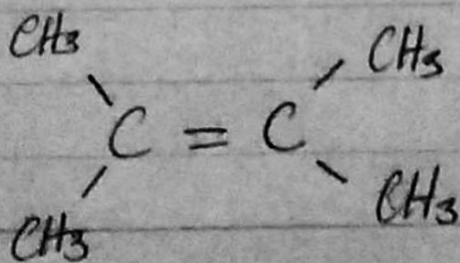
Cis-Hexa-2,4-diene



Trans-Hexa-2,4-diene



2,3 dimethyl but-2-ene



No geometric isomer.