

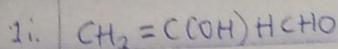
NAME: OLUWALE OLUFEMI ADESOLA

MBBS

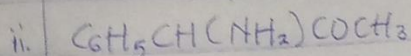
19/MHS01/341

CHEM 102

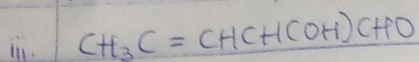
NAME OLUWALE OLUFEMI ADESOLO  
 DEPARTMENT MBBS  
 MATRIC NO 19/MHS01/341  
 CHEM 102.



Functional Groups: Alcohol, Aldehyde



Functional Groups: Amine; Alkaneone



Functional Groups: Alcohol, Aldehyde.

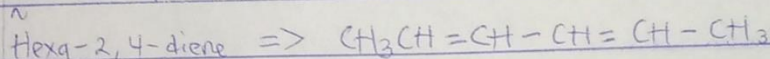
2. Specific rotation =  $\frac{\text{observed rotation (degrees)}}{(\text{concentration g/cm}^3) \times (\text{path length of sample cell in dm})}$

Specific rotation =  $\frac{1.0^\circ}{\frac{0.0856\text{g}}{10\text{cm}^3} \times 1\text{dm}}$

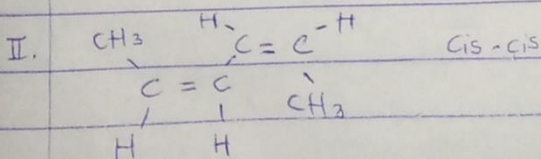
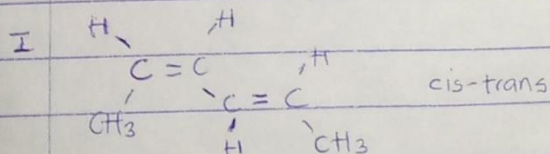
Specific rotation =  $\frac{1.0^\circ}{0.0856\text{g/cm}^3 \times 1\text{dm}}$

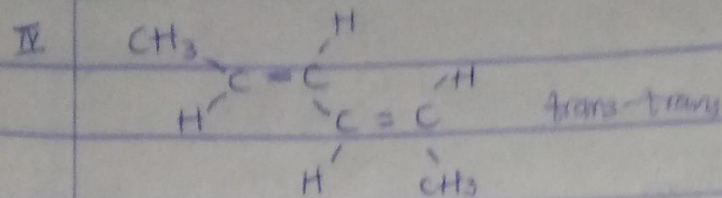
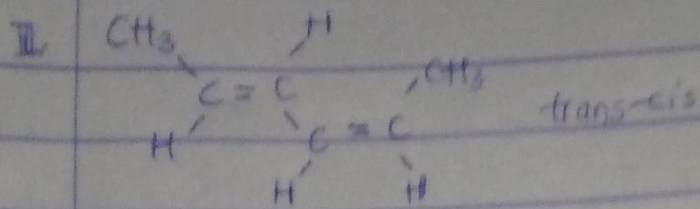
Specific rotation =  $11.68^\circ\text{g}^{-1}\text{cm}^3\text{dm}^{-1}$

3. <sup>Geometric</sup> Isomers of Hexa-2,4-diene.



Geometric Isomers





ii. Geometric Isomers of 2,3-Dimethylbut-2-ene.

No geometric isomers.

