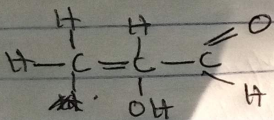
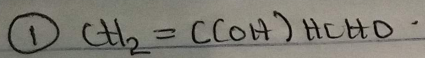
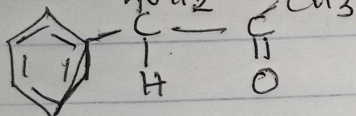
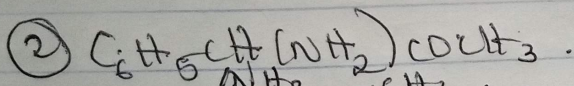


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 19/11/2013
 medicine and surgery.



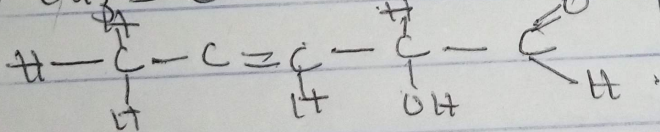
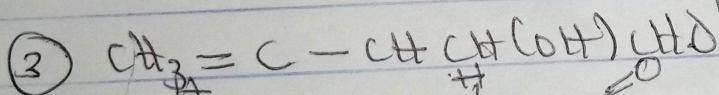
Functional group present.

- Ⓐ Double bond (C=C)
- Ⓑ Hydroxyl group (OH)
- Ⓒ Aldehyde (C=O)



functional group present.

- Phenyl group (C_6H_5)
- Amine (NH_2)
- Alkanone ($C=O$)



functional group.

Double bond.

Alkene (C=C)

Hydroxyl group (OH)

Aldehyde (C=O)

~~④~~

Ⓐ Recall

$$[\alpha]_D^{25} = \frac{\alpha}{l \times c}$$

where l = length of sample tube

c = mass/volume

α = observed rotation.

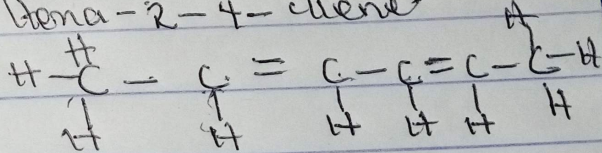
$$S_d = \frac{1.0}{1.0 \times 0.856} = \frac{1.0}{0.856}$$

$$S_d = \frac{1}{0.856}$$

$$= 11.68$$

⑤

Hexa-2,4-diene



2,3 Dimethylbut-2-ene

