

21/06/2021

ALCOHOL

Deg-I Sub.

Lecture-2

By:-Dr.Rinky

G-C', Ch-2

1.

TOPIC :- INTRODUCTION OF DIOLS

* The compounds which contain more than one -OH group are known as polyhydroxy compound or polyhydric alcohol.

They are further classified according to No. of -OH group present in the molecule.

* The compound containing two -OH group :-

Dihydric alcohols.

* The compound containing three -OH group :-

Trihydric alcohol.

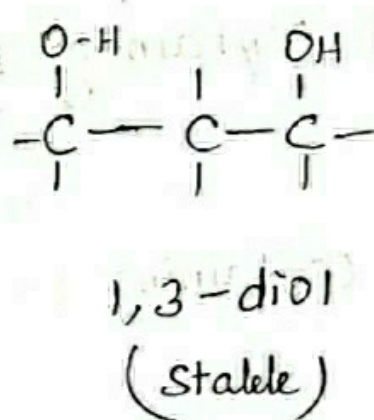
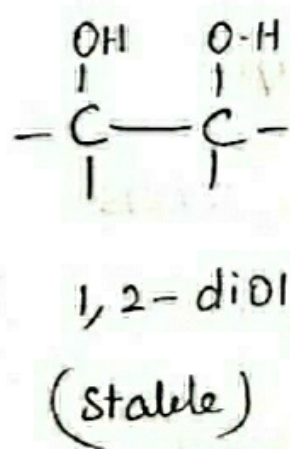
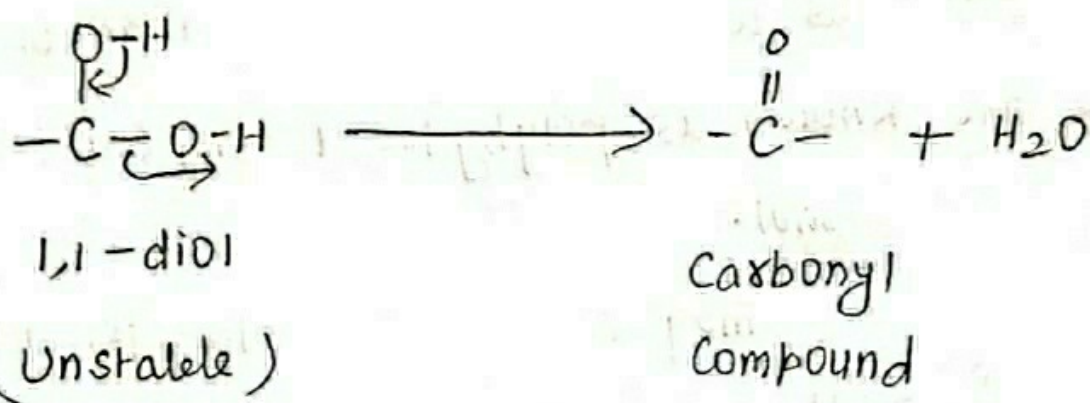
DIHYDRIC ALCOHOLS (DIOLS)

* The IUPAC name of dihydric alcohols is diols, while their older 'common name' is Glycols.

(Greek, glycos = sweet), since they have a sweet taste.

2.

The diols having the $-OH$ group bonded to the same carbon are unstable and undergo spontaneous decomposition to yield a carbonyl compound (aldehyde or ketone).



Completed..

Next Topic
"Ethylene Glycol"