

PHARMACEUTICAL ORGANIC CHEMISTRY-II- BP301T

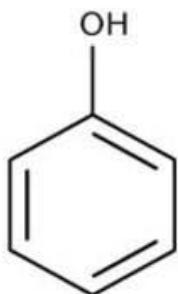
UNIT: 2 Phenols

CLASS:1

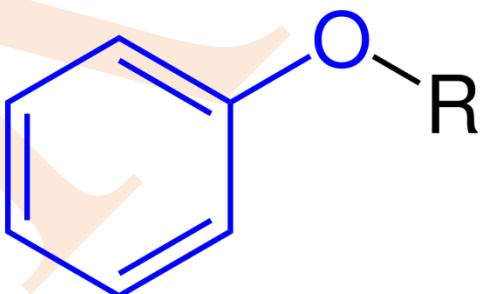
TOPIC: Phenols

Phenols are aromatic in nature and they having $-\text{OH}$ is the functional group.

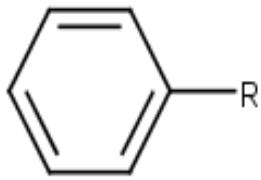
Phenol:



Phenoxy:



Phenyl:



Physical Properties:

Phenol is a colourless liquid

Phenol is a toxic nature and used as the solvent for the preparation of laboratory synthesis

Phenol having high boiling point.

Phenols are similar to alcohols but form stronger hydrogen bonds.

Thus, they are more soluble in water than are alcohols and have higher boiling points.