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## **Phenols**

Hydroxyl group directly linked with an aryl group

### **Type of hybridization shown by carbon in phenol**

sp<sup>2</sup>

### **Type of hybridization shown by oxygen in phenol**

sp<sup>3</sup>

### **List of types of phenol on the basis of number of hydroxyl groups**

- Monohydric phenol
- Dihydric phenol
- Trihydric phenol