



Examine the structure of the following molecule and identify the functional groups present. Label each functional group with its name and the corresponding carbon atom number.

### Identify the functional groups:

Structure: The structure shows a benzene ring with a hydroxyl group (-OH) at position 1 and three nitro groups (-NO2) at positions 2, 4, and 6.

Answer:

Structure: The structure shows a benzene ring with a hydroxyl group (-OH) at position 1 and three nitro groups (-NO2) at positions 2, 4, and 6.

Chemical structure: The structure shows a benzene ring with a hydroxyl group (-OH) at position 1 and three nitro groups (-NO2) at positions 2, 4, and 6.

Functional Group:

Carbon Number:

Functional Group: