Phenol

Chemical Compound

Phenol — also known as carbolic acid — is an aromatic organic compound with the formula C6H5OH. It is a white crystalline solid that is volatile. The molecule consists of a phenyl group bonded to a hydroxyl group. [Wikipedia](http://en.wikipedia.org/wiki/Phenol)

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| [**Formula**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=carbolic+acid+formula&ei=guTjUan9A8PprQfd54CoDw&ved=0CJ4BEOgTKAEwEA)**:**C6H6O  [**IUPAC ID**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=carbolic+acid+iupac+id&ei=guTjUan9A8PprQfd54CoDw&ved=0CKEBEOgTKAEwEA)**:**Phenol  [**Molar mass**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=carbolic+acid+molar+mass&ei=guTjUan9A8PprQfd54CoDw&ved=0CKQBEOgTKAEwEA)**:**94.11124 g/mol  [**Melting point**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=carbolic+acid+melting+point&ei=guTjUan9A8PprQfd54CoDw&ved=0CKcBEOgTKAEwEA)**:**40.5 °C  [**Boiling point**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=carbolic+acid+boiling+point&ei=guTjUan9A8PprQfd54CoDw&ved=0CKoBEOgTKAEwEA)**:**181.7 °C  [**Soluble in**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=carbolic+acid+soluble+in&ei=guTjUan9A8PprQfd54CoDw&ved=0CK0BEOgTKAEwEA)**:**[Water](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=properties+of+water&stick=H4sIAAAAAAAAAGOovnz8BQMDAw8HsxKHfq6-gYWxRZrlp_wgzUgrw3szLUOkzrQ072heKwQA_l6gJCkAAAA&ei=guTjUan9A8PprQfd54CoDw&ved=0CK4BEJsTKAIwEA) |

