

IUPAC Naming



Ketones

Number	IUPAC Name	Molecular Formula
1	Propanone (Acetone)	C ₃ H ₆ O
2	Butanone	C ₄ H ₈ O
3	Pentan-2-one	C ₅ H ₁₀ O
4	Hexan-2-one	C ₆ H ₁₂ O
5	Heptan-2-one	C ₇ H ₁₄ O
6	Octan-2-one	C ₈ H ₁₆ O
7	Nonan-2-one	C ₉ H ₁₈ O
8	Decan-2-one	C ₁₀ H ₂₀ O
9	Undecan-2-one	C ₁₁ H ₂₂ O
10	Dodecan-2-one	C ₁₂ H ₂₄ O

Carboxylic Acids

Number	IUPAC Name	Molecular Formula
1	Methanoic acid	HCOOH
2	Ethanoic acid	CH ₃ COOH
3	Propanoic acid	C ₂ H ₅ COOH
4	Butanoic acid	C ₃ H ₇ COOH
5	Pentanoic acid	C ₄ H ₉ COOH
6	Hexanoic acid	C ₅ H ₁₁ COOH
7	Heptanoic acid	C ₆ H ₁₃ COOH
8	Octanoic acid	C ₇ H ₁₅ COOH
9	Nonanoic acid	C ₈ H ₁₇ COOH
10	Decanoic acid	C ₉ H ₁₉ COOH