



Here is a table listing the first 20 members of alkanes, their molecular formulas, and their corresponding alkyl groups along with their molecular formulas:

Number	Alkane	Alkane Molecular Formula	Alkyl Group	Alkyl Group Molecular Formula
1	Methane	CH ₄	Methyl	CH ₃ -
2	Ethane	C ₂ H ₆	Ethyl	C ₂ H ₅ -
3	Propane	C ₃ H ₈	Propyl	C ₃ H ₇ -
4	Butane	C ₄ H ₁₀	Butyl	C ₄ H ₉ -
5	Pentane	C ₅ H ₁₂	Pentyl	C ₅ H ₁₁ -
6	Hexane	C ₆ H ₁₄	Hexyl	C ₆ H ₁₃ -
7	Heptane	C ₇ H ₁₆	Heptyl	C ₇ H ₁₅ -
8	Octane	C ₈ H ₁₈	Octyl	C ₈ H ₁₇ -
9	Nonane	C ₉ H ₂₀	Nonyl	C ₉ H ₁₉ -
10	Decane	C ₁₀ H ₂₂	Decyl	C ₁₀ H ₂₁ -
11	Undecane	C ₁₁ H ₂₄	Undecyl	C ₁₁ H ₂₃ -
12	Dodecane	C ₁₂ H ₂₆	Dodecyl	C ₁₂ H ₂₅ -
13	Tridecane	C ₁₃ H ₂₈	Tridecyl	C ₁₃ H ₂₇ -
14	Tetradecane	C ₁₄ H ₃₀	Tetradecyl	C ₁₄ H ₂₉ -
15	Pentadecane	C ₁₅ H ₃₂	Pentadecyl	C ₁₅ H ₃₁ -
16	Hexadecane	C ₁₆ H ₃₄	Hexadecyl	C ₁₆ H ₃₃ -
17	Heptadecane	C ₁₇ H ₃₆	Heptadecyl	C ₁₇ H ₃₅ -
18	Octadecane	C ₁₈ H ₃₈	Octadecyl	C ₁₈ H ₃₇ -
19	Nonadecane	C ₁₉ H ₄₀	Nonadecyl	C ₁₉ H ₃₉ -
20	Eicosane	C ₂₀ H ₄₂	Eicosyl	C ₂₀ H ₄₁ -