

(Straight-Chain) Alkane Nomenclature

Alkane (C _n H _{2n+2})	Name	Alkyl group	Alkyl name
	methane	-CH ₃	methyl
CH ₃ CH ₃	ethane	-CH ₂ CH ₃	ethyl
CH ₃ CH ₂ CH ₃	propane	-CH ₂ CH ₂ CH ₃	propyl
CH ₃ CH ₂ CH ₂ CH ₃	butane		
C ₅ H ₁₂	pentane		
C ₆ H ₁₄	hexane	-CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃	hexyl
C ₇ H ₁₆	heptane		
C ₈ H ₁₈	octane		
C ₉ H ₂₀	nonane		
C ₁₀ H ₂₂	decane		
C ₁₁ H ₂₄	undecane		
C ₁₂ H ₂₆	dodecane		
C ₁₆ H ₃₄	hexadecane		
C ₁₈ H ₃₈	octadecane		
C ₂₀ H ₄₂	icosane		
	cyclopropane		cyclopropyl
	cyclopentane		