* Functional Groups

amine
ketone
alcohol
ether
amide
alkane

* Constitutional Isomers

Molecular formula Structural formula
C₄H₁₀
centered line
expanded line
CH₃CH₂CH₂CH₃ ~ H - C - C - C - CH₃

Constitutional isomers are same mol. formula but diff. str. formula.

C₄H₁₀
1st thing C₄H₂n₊₂ alkanes
C₄H₁₀
C₄H₂n alkenes
C₄H₂n₋₂ alkynes

C₄H₁₀ ~ C₄H₈
but formula C₄H₁₀ + 2H₂ → alkane

butane 2-methyl propane