







	Hydro	ocarbon m	olecules	
	Table 15.1Compositions and Molecular Structures forSome of the Paraffin Compounds: $C_nH_{2n+2}$			
Bonding	Name	Composition	Structure	Boiling Point (°C)
Boiling T	Methane	$CH_4$	H   H-C-H   H	-164
	Ethane	$C_2H_6$	$\begin{array}{ccc} H & H \\   &   \\ H - C - C - H \\   &   \\ H & H \end{array}$	-88.6
	Propane	$C_3H_8$	$\begin{array}{cccc} H & H & H \\   &   &   \\ H - C - C - C - C - H \\   &   &   \\ H & H & H \end{array}$	-42.1
	Butane Pentane Hexane	$C_4H_{10}$ $C_5H_{12}$ $C_6H_{14}$		-0.5 36.1 69.0

























