

WS 10.7 Organic Nomenclature, part 2

Name	Complete structural formula	Line formula	Condensed structural formula
1) 3-fluoro,1-butene	$ \begin{array}{cccc} & & \text{F} & \\ & & & \\ - & \text{C} = & \text{C} - & \text{C} - \text{C} - \\ & & & \\ & & & \end{array} $		CH ₂ =CHCHFCH ₃
2) 2-heptene			
3) 2,3-difluoro-1-pentene			
4) 6-iodo,4-methyl-2-decyne			
5) 4,4-dibromo-1,2-butandiol			
6)	$ \begin{array}{ccccccc} & \text{F} & \text{Cl} & & & & \\ & & & & & & \\ - & \text{C} - & \text{C} - & \text{C} = & \text{C} - & \text{C} - & \\ & & & & & & \\ & & & & & & \end{array} $		
7)	$ \begin{array}{ccc} \text{Br} & \text{Br} & \\ & & \\ - & \text{C} = & \text{C} - \text{Br} \\ & & \end{array} $		
8)	$ \begin{array}{ccc} & & \\ - & \text{C} \equiv & \text{C} - \text{C} - \text{C} - \\ & & & \\ & & & \end{array} $		
9)			
10)			
11)			
12)			
13)			CH ₃ CHFCHFC≡CH
14)			C(OH)Br ₂ CHF(CH ₂) ₄ CH ₂ CH ₃
15)			CH ₃ (CH ₂) ₃ CH=CH(CH ₂) ₂ CH ₃