

WS 10.7 Organic Nomenclature, part 2

Name	Complete structural formula	Line formula	Condensed structural formula
1) 3-fluoro,1-butene			$\text{CH}_2=\text{CHCHFCH}_3$
2) 2-heptene			$\text{CH}_3\text{CH}=\text{CH}(\text{CH}_2)_3\text{CH}_3$
3) 2,3-difluoro-1-pentene			$\text{CH}_2=\text{CFCHFCH}_2\text{CH}_3$
4) 6-iodo,4-methyl-2-decyne			$\text{CH}_3\text{C}\equiv\text{C}-\text{CH}(\text{CH}_3)\text{CH}_2\text{CHI}(\text{CH}_2)_3\text{CH}_3$
5) 4,4-dibromo-1,2-butandiol			$\text{CH}_2(\text{OH})-\text{CH}(\text{OH})-\text{CH}_2-\text{CHBr}_2$
6) 4-chloro-5-fluoro-2-pentene			$\text{CH}_2\text{FCHClCH}=\text{CHCH}_3$
7) 1,1,2-tribromoethene			$\text{CHBr}=\text{CBr}_2$
8) 1-butyne			$\text{CH}\equiv\text{CCH}_2\text{CH}_3$
9) 2-nonyne			$\text{CH}\equiv\text{C}(\text{CH}_2)_6\text{CH}_3$
10) 3-bromo-5-fluoro-2-hexene			$\text{CH}_3\text{CH}=\text{CBrCH}_2\text{CHFCH}_3$
11) 2-chloro-4-heptanol			$\text{CH}_3(\text{CH}_2)_2\text{CH}(\text{OH})\text{CH}_2\text{CHClCH}_3$
12) 2-bromopropene			$\text{CH}_2=\text{CBrCH}_3$
13) 3,4-difluoro-1-pentyne			$\text{CH}_3\text{CHFCHFC}\equiv\text{CH}$
14) 1,1-dibromo-2-fluoro-1-octanol			$\text{C}(\text{OH})\text{Br}_2\text{CHF}(\text{CH}_2)_4\text{CH}_2\text{CH}_3$
15) 4-nonene			$\text{CH}_3(\text{CH}_2)_3\text{CH}=\text{CH}(\text{CH}_2)_2\text{CH}_3$