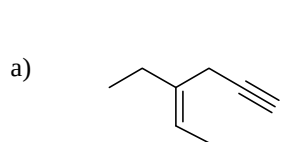
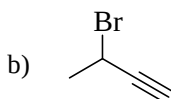


Alkyne Nomenclature

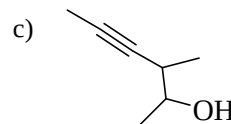
1) Give the IUPAC name for the following molecules.



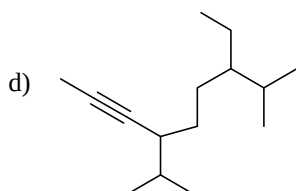
Z-3-ethyl-2-hexen-5-yne



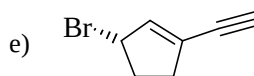
3-bromo-1-butyne



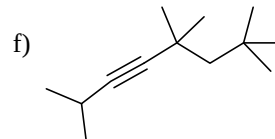
3-methyl-4-hexyn-2-ol



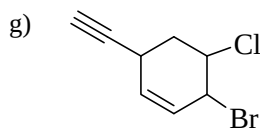
7-ethyl-4-(1-methylethyl)-8-methyl-2-nonyne



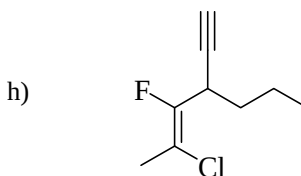
(S)-3-bromo-1-ethynylcyclopentene



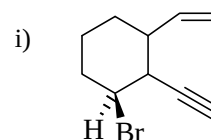
2,5,5,7,7-pentamethyl-3-octyne



3-bromo-4-chloro-6-ethynylcyclopentene



E-2-chloro-3-fluoro-4-propyl-2-hexen-5-yne



(S)-1-bromo-3-ethenyl-2-ethynylcyclohexane