Quiz (Nomenclature of Organic Compounds)

Compound	IUPAC name
H_3C $C = C$ $C + OH$ $C + OH$	
H H	
CH ₃	
CH₃CHCH == CHCH₃ OH	
H C CH3	
(CH ₃) ₂ C=CHCH ₂ CH ₂ C(CH ₃)=CHCH ₂ OH	
CH ₃	
CH₃ CI	

Suggested Answer

Compound	IUPAC name
H_3C $C = C$ $C + OH$ $C + OH$	2-methylbut-2-enoic acid
H H $ $ $ $ C_2H_5 C C C C C C	Pent-2-en-1-ol
CH₃ CH₃	3,3-dimethylcyclopentene
CH₃CHCH == CHCH₃ OH	pent-3-en-2-ol
H	but-2-enoic acid
(CH ₃) ₂ C=CHCH ₂ CH ₂ C(CH ₃)=CHCH ₂ OH	3,7-dimethylocta-2,6-dien-1-ol
CH ₃	methylcyclopentene
CH₃ CI	1-chloro-1-methylcyclohexane