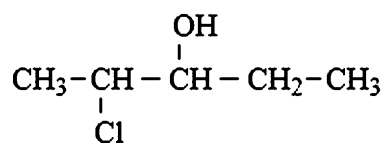


Year 12 Chemistry
Quick Quiz: Organic Chemistry

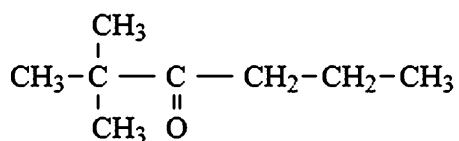
1. Write the systematic name for:

(a)



2-chloro pentan-3-ol

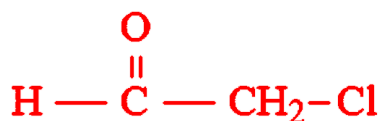
(b)



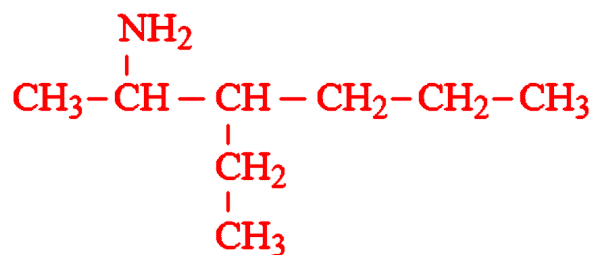
2,2-dimethyl hexan-3-one

2. Write the structural formula for:

(a) 2-chloro ethanal



(b) 3-ethyl hexan-2-amine



3. Explain which of the compounds in question 1 would have a higher boiling point.

(a) because it has an O-H bond and therefore hydrogen-bonding between molecules which is stronger than the dipole-dipole forces between molecules of

(b) caused by the C=O present.

4. State which of the compounds in question 2 would be more soluble in propanone.

(a)