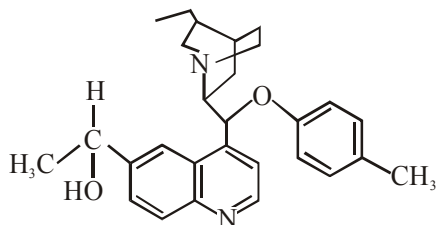
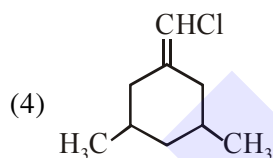
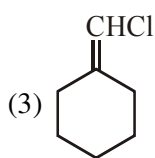
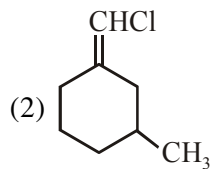
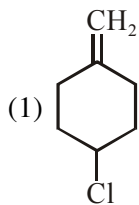


ISOMERISM

1. The number of chiral carbons in chloramphenicol is _____ .
2. The number of chiral carbons present in the molecule given below is _____ .



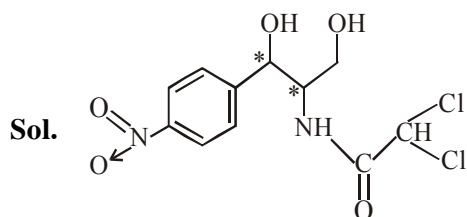
3. Among the following compounds, geometrical isomerism is exhibited by :



4. Which of the following compound shows geometrical isomerism
(1) 2-methylpent-2-ene (2) 4-methylpent-1-ene
(3) 4-methylpent-2-ene (4) 2-methylpent-1-ene

SOLUTION

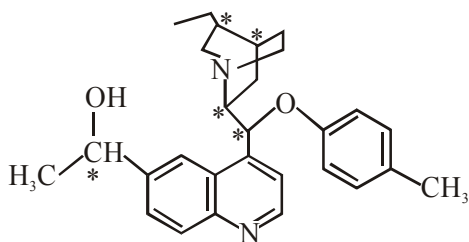
1. NTA Ans. (2)



Chloramphenicol

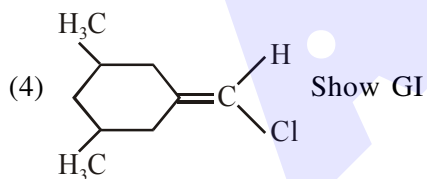
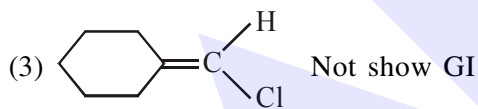
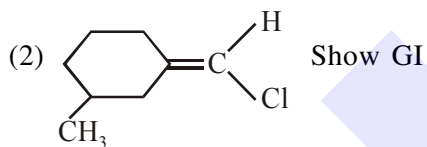
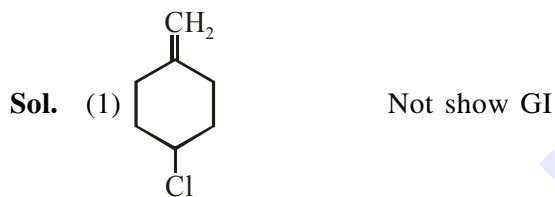
2. Official Ans. by NTA (5.00)

Sol. No. of chiral centres



3. Official Ans. by NTA (2)

Official Ans. by ALLEN (2 & 4)



4. Official Ans. by NTA (3)