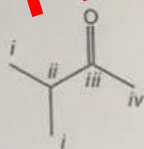


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Question 3

1 pts

Which of the carbon atoms in the following molecule appears furthest downfield in the  $^{13}\text{C}$  NMR spectrum?



☒ iii

☐ i

☐ iv

☐ ii

Question 4

1 pts

On which factor is chemical shielding not dependent?

☐ Magnetic induction within an adjacent pi bond

☐ Electronegativity of nearby atoms

☒ Karplus curve to plot dihedral angles

☐ Hybridization of adjacent atoms