

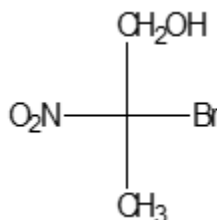
Q1) Does 2-Bromo-2-pentene exist as a cis-trans isomer or not? Explain and show the exact isomers. 5 marks

Q2) Explain shortly why, and showing the structures of the isomers? 5 marks

It is not possible to have a trans configuration in cycloalkenes of seven or fewer carbons.

Q3) Draw the conformational isomers for Ethane and show which one is more stable conformer. 5 marks

Q4) Label each asymmetric carbon in the compound below as an R or S configuration. 5marks



Good Luck

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