

14. 3-Methyl-pent-2-ene on reaction with HBr in presence of peroxide forms an addition product. The number of possible stereoisomers for the product is

- A. Six
- B. Two
- C. Zero
- D. Four

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3-Methyl-pent-2-ene on reaction with HBr in presence of peroxide forms 2-Bromo-3-methyl pentane. As the molecule is nonsymmetric therefore according to Anti Markownikov rule, due to 2 chiral centre 4 stereo isomers are possible.

