

NCERT/CBSE CHEMISTRY CLASS 11 textbook

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CHAPTER THIRTEEN

HYDROCARBONS

13.15 What effect does branching of an alkane chain has on its boiling point?

More the branching in the alkane, less efficient is the packing, which effects the boiling point. More the branching, lower is the boiling point, provided the branching is not compact. However if the branching is compact then more energy would be required to break the compactness hence the boiling and melting point would increase.

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