

Formation of Bonds

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



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We will learn to



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We will learn to

- **Add bonds to the existing bond**



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We will learn to

- Add bonds to the existing bond
- Orient the bonds



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- Orient the bonds
- **Add Stereochemical bonds**



Learning Objectives

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- Orient the bonds
- Add Stereochemical bonds
- Inverse wedge hashes



System Requirement



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- **Ubuntu Linux OS v 12.04**



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- **GChemPaint v 0.12.10**



Pre-requisites



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You should be familiar with



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- **GChemPaint** chemical structure editor



Pre-requisites

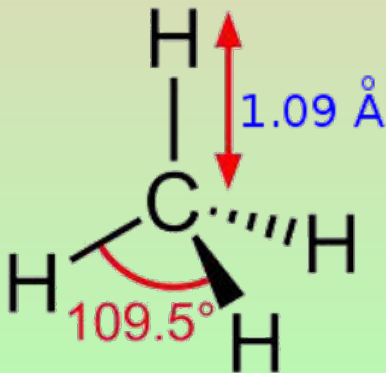
You should be familiar with

- **GChemPaint** chemical structure editor
- If not, for relevant tutorials, please visit <http://spoken-tutorial.org>



Structures

Tetrahedral Methane Structure



Summary

We have learnt to

- **Add bonds to the existing bond**
- **Orient the bonds**
- **Add Stereochemical bonds**
- **Inverse wedge hashes**



Assignment

- 1 **Convert Propane to Propyne**
- 2 **Draw Propane and butane structures**
- 3 **Show the stereochemical bonds**



About the Spoken Tutorial Project

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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



Acknowledgements

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- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>

