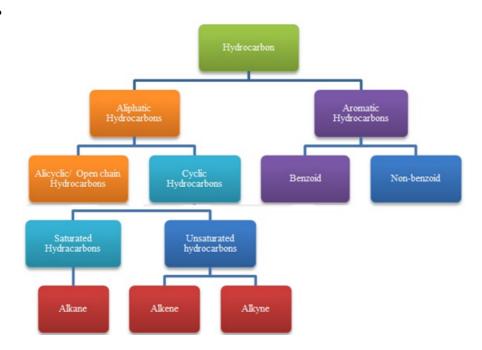
# Hydrocarbons



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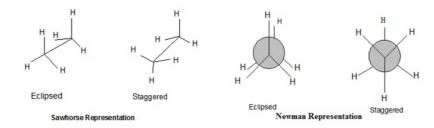
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•

dihedral angle
$$\begin{array}{c}
60^{\circ} \\
H \\
H \\
H
\end{array}$$
staggered conformation

### •



## **Preparation of Alkanes:**

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#### .

CH<sub>3</sub> CH<sub>3</sub> CH<sub>3</sub>

CH<sub>2</sub> C=CH<sub>2</sub> + H<sub>2</sub> CH<sub>2</sub> CH<sub>2</sub> CH<sub>2</sub> CH<sub>2</sub> CH<sub>3</sub>

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Chemical Properties of Alkane	
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•		
Geometric Isomers:		
Preparation of Alkenes:		
reparation of ranches.		
Chemical Properties:		

•

Preparation	
<b>Chemical Properties</b>	

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