

Data Sheet- Molecular Models

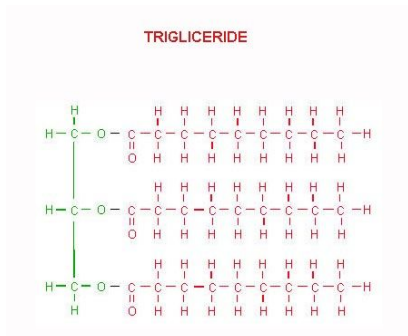
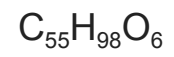
Molecule	Number and Type of bond	Sketch the structural formula	What are the properties of this compound?	What about this structure gives the compound its properties?
Water H ₂ O				
Methane CH ₄				
Methanol CH ₃ OH				

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Nitrogen N ₂				
Ammonia NH ₃				
Oxygen O ₂				
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Carbon Dioxide CO_2				
Formaldehyde CH_2O				
Ethene C_2H_4				
Molecule	Number and Type of bond	Sketch the structural formula	What are the properties of this compound?	What about this structure gives the compound its properties?
Ethanol $\text{C}_2\text{H}_6\text{O}$				

Acetaldehyde C ₂ H ₄ O				
Acetic Acid CH ₃ COOH				
Molecule	Number and Type of bond	Sketch the structural formula	What are the properties of this compound?	What about this structure gives the compound its properties?
Propane C ₃ H ₈				

Triglyceride
(fats)



OH: hydroxyl group, C=O: carbonyl group, COOH: carboxyl group, NH₂: amino group