

## Putting it All Together

Complete the following chart to help you compare all of the different biological molecules.

Biological Molecule	Structure	Function
Carbohydrates		
Monosaccharides	Single ring-like structure when dissolved in water. Contains polar hydroxyl groups.	
Disaccharides		
Polysaccharides		
Cellulose		
Starch	Polysaccharide with a few glucose side chains	
Glycogen		
Lipids		
Triglyceride		

Biological Molecule	Structure	Function
Phospholipid		
Steroid		
Saturated Fatty Acid	Carbon chain with only single bonds, no double bonds.	
Unsaturated Fatty Acid		
Protein		
Protein (tertiary structure)		
Nucleic Acids		
DNA		Carries the genetic information of the cell. Determines what proteins are made.
RNA	Single-stranded nucleic acid with ribose sugar, phosphate group, and nitrogenous base. Monomer: nucleotide	
ATP		