

Homework Questions from the IB Guide | Biochemistry

What are the four major organic molecules? Identify the structure of each.

What are three examples of Mono, Di and Poly Saccharides?

What are one example of a function of; glucose, Lactose, and Glycogen in animals and fructose, sucrose and cellulose in plants?

What are the 4 levels of protein structure and the significance of each?

What is the significance of polar and non-polar amino acids?

What are four functions of Proteins?

What are differences between fibrous and globular proteins? Give two examples of each.

What are three functions of Lipids?

What is the difference in energy storage of Lipids and Carbohydrates?

How do fundamental molecules link together to form polymers and how are they broken apart?

How are they broken apart by digestion?