

# Where are organic compounds found

A lipid is any of various organic compounds that are insoluble in water. They include fats, waxes, oils, hormones, and certain components of membranes and function as energy-storage molecules and chemical ...

Simple carbon-containing compounds produced by photosynthesis --the process by which carbon dioxide and water are converted to oxygen and compounds known as carbohydrates --form the raw material for the myriad ...

Ester, any of a class of organic compounds that react with water to produce alcohols and organic or inorganic acids. Esters derived from carboxylic acids are the most common. Learn about the different types and reactions of ...

Lipids are a group of organic molecules that play essential roles in the structure and function of living organisms. They are characterized by their hydrophobic (water-repellent) nature and include compounds such as fats, ...

Microplastics are found in drinking water, snowfall, rainfall, and oceans Invisible pollutants are those that cannot be seen or smelled with the naked eye. They are among the most dangerous to human health. Carbon monoxide, nitrogen ...

Injectable organic compounds function best as part of a holistic approach including composting, mulching, crop rotation, integrated pest management (IPM), water conservation measures like ...

Sugar, any of numerous sweet, colorless, water-soluble compounds present in the sap of seed plants and the milk of mammals and making up the simplest group of carbohydrates. The most common sugar is ...

Alcohol, any of a class of organic compounds with one or more hydroxyl groups attached to a carbon atom of an alkyl group. Alcohols may be considered as organic derivatives of water (H<sub>2</sub>O) in which a hydrogen atom ...

Persistent Organic Pollutants (POPs) are toxic chemicals that adversely affect human health and the environment. They are organic compounds that are resistant to degradation through chemical, biological, and photolytic ...

Xylem and phloem lie adjacent to each other and work together to transport water, nutrients, and organic compounds throughout the plant. Xylem transports water and nutrients from the roots ...

Mitochondria A mitochondrion (mitochondria, plural), is a membrane-enclosed organelle that is found in most

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eukaryotic cells. Mitochondria are called the &quot;power plants&quot; of the cell because they are the sites of cellular respiration, ...

cellulose, a complex carbohydrate, or polysaccharide, consisting of 3,000 or more glucose units. Cellulose is the basic structural component of plant cell walls, comprising about 33 percent of all vegetable matter (90 percent of ...

The actual compounds present have been found to vary widely. Where do Organic Impurities come from? Organic compounds are typically present in the feed water used to supply water purification systems at between ...

Enzyme, a catalyst that regulates the rate at which chemical reactions proceed in living organisms without itself being altered in the process. Most critically, enzymes catalyze all aspects of cell metabolism. Learn more ...

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