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Macromolecule - Wikipedia

Tue, 11 Sep 2018 20:49:00 GMT

A macromolecule is a very large molecule, such as protein, commonly created by the polymerization of smaller subunits (monomers). They are typically composed of thousands of atoms or more. The most common macromolecules in biochemistry are biopolymers (nucleic acids, proteins, carbohydrates and lipids) and large non-polymeric molecules (such as lipids and macrocycles).

Macromolecules (ACS Publications)

Mon, 10 Sep 2018 05:49:00 GMT

The Effects of Heat and Acid on the Enzyme Catalase

Solvation - Wikipedia

Tue, 11 Sep 2018 05:40:00 GMT

Distinction from solubility. By an IUPAC definition, solvation is an interaction of a solute with the solvent, which leads to stabilization of the solute species in the solution. In the solvated state, an ion in a solution is surrounded or complexed by solvent molecules. Solvated species can often be described by coordination number, and the complex stability constants.

Wallace Carothers and the Development of Nylon - Landmark ...

Wed, 12 Sep 2018 08:09:00 GMT

Wallace Carothers Begins Polymer Research at DuPont. In late 1926, Charles M. A. Stine, director of DuPont's chemical department in Wilmington, Delaware, convinced the company's executive committee to establish a continuing program in fundamental research.

Isolation and characterization of lignins from wheat straw ...

Sat, 15 Sep 2018 14:04:00 GMT

Three different lignin-rich fractions have been used as binder material for electrodes in rechargeable lithium batteries. Lignin samples were obtained through three different pulping processes; kraft, soda and organosolv pulping processes, using wheat straw as raw material.

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