


organic chemistry

Organic chemistry is a [chemistry](#) subdiscipline involving the scientific study of the structure, properties, and reactions of organic compounds and organic materials, i.e., [matter](#) in its various forms that contain [carbon](#) atoms. Study of structure includes many physical and chemical methods to determine the chemical composition and the chemical constitution of organic compounds and materials. Study of properties includes both physical properties and chemical properties, and uses similar methods as well as methods to evaluate chemical reactivity, with the aim to understand the behavior of the organic matter in its pure form (when possible), but also in solutions, mixtures, and fabricated forms. The study of organic reactions includes probing their scope through use in preparation of target compounds (e.g., natural products, drugs, polymers, etc.) by chemical synthesis, as well as the focused study of the reactivities of individual organic molecules, both in the laboratory and via theoretical (in silico) study. [Wikipedia, Organic Chemistry](#) 

See Also

[Law of Molecular Synthesis and Combination - Organic electrochemistry chemistry Sonochemistry](#)