

An overview of the necessary basic knowledge

Current Periodic Table of Elements

https://en.wikipedia.org/wiki/Periodic_table

<https://iupac.org/what-we-do/periodic-table-of-elements/>

Atom (nucleus, electron cloud), isotopes, electronegativity, charge

atomic mass - average and monoisotopic

<https://en.wikipedia.org/wiki/Atom>

Molecule, ion, chemical bond, polarity, dipole moment, chirality

molecular weight - average and monoisotopic

<https://en.wikipedia.org/wiki/Molecule>

https://en.wikipedia.org/wiki/Chemical_bond

Types of organic compounds - functional groups

https://en.wikipedia.org/wiki/Organic_compound

Overview and principles of analytical methods

<https://web.vscht.cz/poustkaj>

and other sources from internet