AS Chemistry Definitions

Structural	A compound with the same molecular formula however a
Isomer	different structural formula
Stereoisomer	A compound with the same structural formula however a
	different arrangement of atoms in space
Homolytic	The breaking of a covalent bond where each atom takes one
Fission	electron forming radicals
Heterolytic	The breaking of a covalent bond where one atom takes both of
Fission	the electrons forming cations and anions
Homologous	A group of compounds with the same functional group however
series	a different hydrocarbon chain length
Functional	A group of atoms responsible for the chemical properties of a
Group	compound
Curley Arrow	The movement of an electron pair either breaking of forming a covalent bond
	covalent bond
Radical	A species with an urpained electron
Nucleophile	A electron rail donor
Electrophile	en Nectron pair acceptor
Activition	The minimum concunt of energy required to start a chemical
Energy	reaction
Standard	25°C and 1 ATM
conditions	
Enthalpy	The enthalpy change when one mole of a compound is formed
Change of	from its constituent elements in there standard states under
Formation	standard conditions (25°C and 1 ATM)
Enthalpy	The enthalpy change where one mole of a compound is
Change of	completely combusted in excess oxygen under standard
Combustion	conditions (25°C and 1 ATM)
Bond Enthalpy	The enthalpy change when breaking a bond within one mole of a
	given substance by homolytic fission in a gaseous state.
Average bond	The average enthalpy change when a bond is broken in one mole
enthalpy	of a specific substance by homolytic fission in a gaseous state