# WHERE AM I?

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#### **ORGANIC CHEMISTRY MADE TRANSPARENT**

## (T00) HOME

- (T0) IMPORTANCE OF ORGANIC CHEMISTRY
- (TO) BRIEF HISTORY
- (T0) ATOMS AND THEIR PROPERTIES
- (T0) CHEMICAL BONDING
- (T1) ORGANIC STRUCTURES
- (T2) ALKANES AND CYCLOALKANES

#### **ALKANES**

STRUCTURE AND NOMENCLATURE

**PHYSICAL PROPERTIES** 

CONFORMATIONS (ROTAMERS) (PROBLEMS) (ANSWERS)

**PREPARATION** 

**REACTIVITY** 

**HALOGENATION** 

**CHLORINATION OF METHANE** 

STABILITY OF RADICALS

KINETICS vs. THERMODYNAMICS

**USEFULNESS OF ALKANE HALOGENATION** 

**DEHYDROGENATION** 

**ISOMERIZATION** 

**COMBUSTION** 

## **CYCLOALKANES**

STRUCTURE AND NOMENCLATURE

PHYSICAL PROPERTIES

RELATIVE STABILITY (PROBLEMS) (ANSWERS)

**CYCLOHEXANE** 

SUBSTITUTED CYCLOHEXANES (PROBLEMS) (ANSWERS)

SUPERIOR AND POLYCYCLIC CYCLOALKANES

- (T3) HALOALKANES
- (T4) ALCOHOLS, PHENOLS AND ETHERS
- (T5) AMINES
- (T6) ALQUENES
- (T7) DIENES Y ALKYNES
- (T8) AROMATIC COMPONDS
- (T9) CARBONYL COMPOUNDS

(T10) CARBOXYLIC ACIDS

(T11) CARBOXYLIC ACID DERIVATIVES

(T12) ADDITIONAL TOPICS