



671-2110 Ethanol Molecule

Ethanol /'εθənɒl/, also commonly called alcohol, ethyl alcohol, and drinking alcohol, is the principal type of alcohol found in alcoholic beverages, produced by the fermentation of sugars by yeasts. It is a neurotoxic, psychoactive drug, and one of the oldest recreational drugs. It can cause alcohol intoxication when consumed in sufficient quantity.

Ethanol is a volatile, flammable, colorless liquid with a slight chemical odor. It is used as an antiseptic, a solvent, a fuel, and due to its low freezing point, the active fluid in many alcohol thermometers. The molecule is a simple one, being an ethyl group linked to a hydroxyl group. Its structural formula, $\text{CH}_3\text{CH}_2\text{OH}$, is often abbreviated as $\text{C}_2\text{H}_5\text{OH}$, $\text{C}_2\text{H}_6\text{O}$ or EtOH .

The stem word “eth-” used in many related compounds originates with the German word for ethanol (äthyl).

To easily assemble your molecule, notice the holes on each particular atom. Press a connector firmly into this hole until it is flush with the surface of the atom. The connection should be firm but still easy to disassemble. Your molecule can be put together and taken apart as many times as you wish.

Warranty and Parts:

We replace all defective or missing parts free of charge. Additional replacement parts may be ordered toll-free. We accept MasterCard, Visa, checks and School P.O.s. All products warranted to be free from defect for 90 days. Does not apply to accident, misuse or normal wear and tear. Intended for children 13 years of age and up. This item is not a toy. It may contain small parts that can be choking hazards. Adult supervision is required.