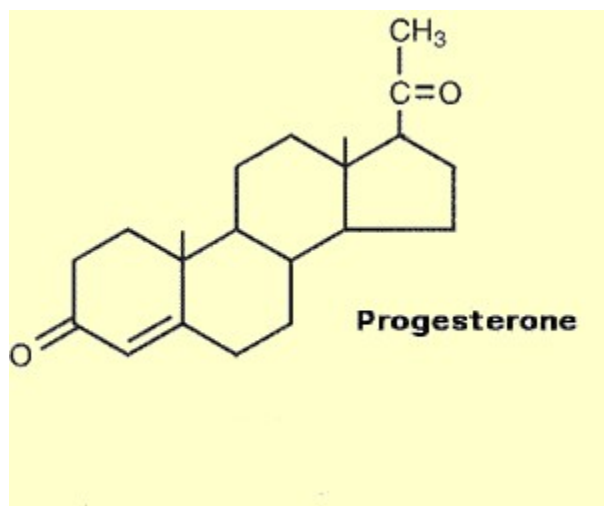


The Safety Of Bio-Identical Hormones by Jeffrey Dach MD

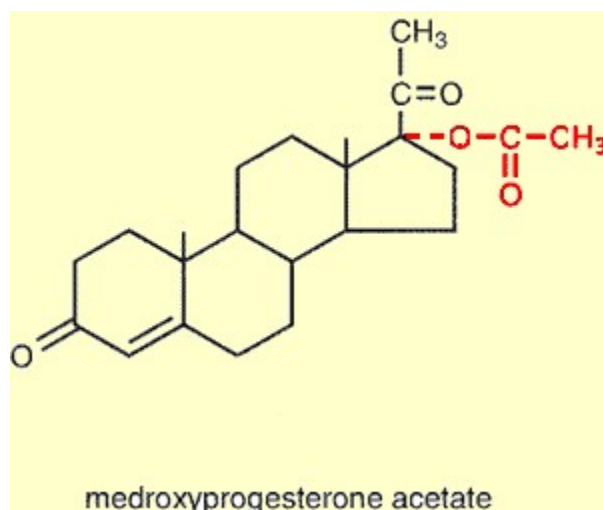
(Excerpt)

How to make a Monster Hormone, Add a Side-Chain (in Red below)

Below Images: Courtesy of wikimedia commons.



Human Progesterone



Provera - the Monster Hormone

Take a good look at human bio-identical **Progesterone** (Upper left), and the chemically altered version (upper right) **Provera** (medroxyprogesterone). The added side-chain is labeled in **RED** on the right side of the Provera molecule. This side-chain (**in red**) has been added in order to make a totally new structure that can be patented, and is the only difference with progesterone (upper left). In the process of adding this side-chain, a Monster was created. In the opinion of John R Lee MD, "to prescribe a chemically altered version of progesterone called Provera is medical malpractice", and yet this practice is common in mainstream medicine.

An Illustration which Explains the Problem of Synthetic Drugs

Supposing a biochemist working for a drug company has an idea to alter the chemical structure of vitamin C so a patent can be obtained. The biochemist adds a chlorine molecule to the vitamin C carbon ring, and gives it a new name "super-Vitamin C", which is really a chlorinated version of vitamin C. Next they do a one year medical study with 5,000 people taking the chlorinated vitamin C tablet every day, and another 5000 people taking a placebo. After the year is up, they count a .5 per cent incidence of heart disease events in the Super Vitamin C group and a 1.0 percent in the placebo group. FDA approval is easily obtained based on reduction in heart disease events by 50 per cent (.5 per cent is 50% of 1.0 %). The drug company is at liberty to spend million dollars on television advertising designed to rake in millions more for the new heart prevention miracle drug. This absurd scenario is now the norm for our medical system. Why would anyone want to spend money for a monster version of vitamin C when the real thing is available for pennies? Why use a monster hormone when human hormones are available? Compared to their monster counterparts, Bio-Identical Hormones are more effective, have fewer adverse side effects, and are less costly.