

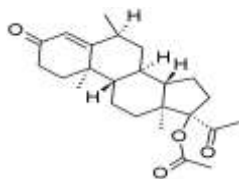
## PRODUCT: Medroxyprogesterone 17-acetate

**ALTERNATE NAME:** 17 $\alpha$ -Acetoxy-6 $\alpha$ -methylprogesterone, 17 $\alpha$ -Hydroxy-6 $\alpha$ -methyl-4-pregnene-3,20-dione 17-acetate, 6 $\alpha$ -Methyl-17 $\alpha$ -acetoxyprogesterone, 6 $\alpha$ -Methyl-17 $\alpha$ -hydroxyprogesterone acetate

**CATALOG #:** B2192-100, 500

**AMOUNT:** 100 mg, 500 mg

### STRUCTURE:



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>34</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 386.52

**CAS NUMBER:** 71-58-9

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (>10 mg/ml) or EtOH (>10 mg/ml)

**PURITY:**  $\geq$ 98% by HPLC

**STORAGE:** Store at -20 °C. Protect from light and light

**DESCRIPTION:** Medroxyprogesterone 17-acetate is a synthetic progestogen that blocks fertilization and increases the rate of transport of eggs from the fallopian tubes to the uterus in female ferrets when administered prior to ovulation. It reversibly prevents ovulation in rats when injected on the last day of diestrus. It also has anti-androgenic activity in rats, decreasing plasma testosterone levels *via* induction of hepatic testosterone reductase activity.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Progesterone (**2913**)

Progesterone (Human) ELISA Kit (**K7414**)

Progesterone ELISA Kit (**K7416**)

17-Hydroxyprogesterone ELISA Kit (**E4345**)

Medroxyprogesterone 17-acetate (**B2192**)

Progesterone Receptor (Human) ELISA Kit (**K4270**)

Mifepristone (**1561**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**