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Virilon

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VIRILON

My Drug: Virilon
Generic Drug Name: Methyltestosterone¹
Generic Prototype Name: testosterone¹

Trade Names:
Android, Metandren, Testex, Virilon¹

Classification of drug:
Androgen/Anabolic Steroid¹

Uses Labeled:
Methyltestosterone is an Androgen replacement therapy. It is also used to treat delayed puberty in males. It is used to treat palliation of female mammary cancer (1-5 years postmenopausal) and postpartum breast engorgement.¹

Chemical Names:
The chemical names are: (17 β)-17-Hydroxy-17-methylandrosta-4-en-3-one; 17 α -methyl- Δ^4 -androst-17 β -ol-3-one; Android; Metandren; Neohombreol M; Oreton Methyl; Testred.¹

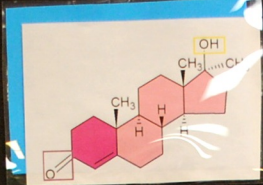
Chemical Formula:²
C21H28O2

Methyltestosterone is practically insoluble in water.³

Availability:
10 mg and 25 mg tablets¹

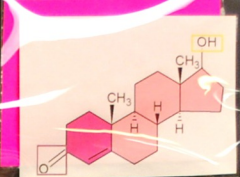
Literature value for molar mass is 302.45 grams.¹

Methyltestosterone's half-life is unknown.⁴



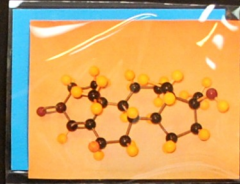
Methyltestosterone¹

- **Ketone**
These are Polar and Nonpolar bonds. Ketones are Hydrophilic and are neither an acid or a base.¹⁰
- **CycloAlkene**
These are Nonpolar bonds. CycloAlkenes are Hydrophobic and are neither an acid or a base.¹⁰
- **CycloAlkane**
These are Nonpolar bonds. CycloAlkanes are Hydrophobic and are neither an acid or a base.¹⁰
- **Alcohol**
These are Polar and Nonpolar bonds. Alcohols are Hydrophilic and are neither an acid or a base.¹⁰

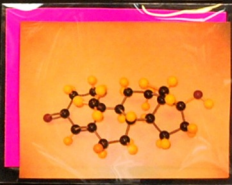


Testosterone¹

- **Ketone**
- **CycloAlkene**
- **CycloAlkane**
- **Alcohol**



Methyltestosterone¹



Testosterone¹

TESTOSTERONE

Uses Labeled:
The Uses of Testosterone are Androgen replacement therapy, treats delayed puberty in males, treats palliation of female mammary cancer, and to treat postpartum breast engorgement. It is available in fixed combinations with estrogens in many preparations.²

Chemical Names:
The chemical names are: (17 β)-17-Hydroxyandrosta-4-en-3-one; Δ^4 -androst-17 β -ol-3-one; *trans*-testosterone; Andro; Androderm; Andropatch; Mertestate; Oreton; Testoderm; Testogel; Testin; Testro AQ; Virotesterone.⁴

Chemical Formula:²
C19H26O2

Trade Names:
Androderm, AndroGel, Striant, and Testim.¹

Testosterone is insoluble in water.⁴

An illness this drug is used to treat: Postpartum Breast Engorgement¹

The population that is treated for Postpartum Breast Engorgement is Adults.¹

The complete route & dosage for Postpartum Breast Engorgement is PO 80 mg/day for 3-5 days.¹

PO 80mg/day for 3-5 days means: Take 80 milligrams per day by mouth for 3-5 days.¹

The body takes Methyltestosterone in orally and... administration through the mucosal membranes lining the cheeks (buccal mucosa). When taken orally, it is readily absorbed from the Gastrointestinal tract. Buccal administration allows direct absorption of methyltestosterone into the systemic venous system resulting in delivery of unmetabolized drug to the target tissue. Potency of buccal tablets is 2 times that of oral methyltestosterone.³

When medications are taken by mouth, they must first pass through the liver before they reach the bloodstream. The liver metabolizes testosterone extensively before it has a chance to reach the bloodstream, and adequate blood levels usually cannot be achieved. However, methyltestosterone is less extensively metabolized, making adequate blood levels more easily attained. *W* hepatic metabolism.³

17 α -methyl testosterone is not aromatized. However, 17 α -methyl testosterone still could affect local estrogen formation by regulating aromatase expression or by inhibiting aromatase action.⁴

Methyltestosterone is excreted by the urine.³

Sources:
1. Drug Facts, Virilon, Methyltestosterone Tablets, 10 mg and 25 mg Tablets, Virilon, Inc., 2015.
2. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
3. Methyltestosterone, Virilon, Inc., 2015.
4. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
5. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
6. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
7. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
8. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
9. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.
10. Testosterone, Androderm, AndroGel, Striant, and Testim, Virilon, Inc., 2015.