

Tren A[®]

Trenbolone Acetate USP 29

Formula: C₂₀H₂₄O₃ (CAS-10161-34-9)
Molecular Weight: 312.4078 gm/mol
Active life: 2-3 days
Detection time: 5 months
Anabolic/Androgenic ratio: 500/500

DESCRIPTION:

Trenbolone Acetate is a steroid compound that is described chemically as 17β-Hydroxyestra-4, 9, 11-trien-3-one acetate.

Tren A[®] is a sterile solution of 100 mg/ml Trenbolone Acetate USP 29 micronized grade, Miglyol 840, Ethyl oleate, Benzyl benzoate, Benzyl alcohol.

Tren A[®] is an oil based solution of Trenbolone Acetate for only intramuscular injection.

Trenbolone Acetate has been used as an extremely powerful fast acting anabolic agent in veterinary practice.

CLINICAL PHARMACOLOGY:

Tren A[®] is a fast-acting injectable steroid with a great effect on protein metabolism. Trenbolone is one of the best effective anabolic compounds, promoting protein synthesis, as well as creating a positive nitrogen balance. It is an appetite stimulant and improves the conversion of proteins. In laboratory tests, it has been demonstrated that Trenbolone increases protein and decreases fat deposition. It has proven to be an excellent product for promoting size and strength in the presence of adequate protein and calories, promotes body tissue building processes, and can reverse catabolism.

Tren A[®] effects are nothing short of remarkable. However, we want to look at the effects of Trenbolone Acetate in a more practical way so that you'll have a good idea as to what to expect from the steroid use. You will find this hormone is extremely valuable in both cutting and bulking plans, but if an edge were going to be given to one phase of use, it would have to be cutting. During the cutting phase there is no anabolic steroid on earth as beneficial or as valuable as Tren A[®]. This is one of the most powerful anabolic steroids available when it comes to the cutting phase and preserving lean tissue. During a diet, preserving lean tissue is one of the primary goals. The overall primary goal is losing body fat, but if lean muscle mass is not preserved, the diet cannot be deemed successful. However, in order to lose body fat you must burn more calories than you consume, and this can put your muscle tissue at risk. As you continue to diet and become leaner, muscle mass loss will occur. This is due to the body burning lean tissue to meet its energy demands. A successful diet will ensure the body burns stored body fat to meet this demand, but, due to the survival instinct of the body, it will often burn muscle mass instead. By supplementing with Tren A[®], we ensure this does not occur, ensure muscle mass is protected, and burn body fat at a higher and more efficient rate. The enhanced fat burning is due to the steroid's ability to promote a more powerful metabolism and even promote direct fat loss due to the strong binding affinity to the androgen receptor. The lean tissue protection and fat burning of Tren A[®] is not the only benefit during the cutting phase. This steroid will have stronger conditioning effects than any anabolic steroid on the market. Specifically, we are referring to visual conditioning effects like hardness, definition, and vascularity. Not only are there no anabolic steroids that can promote these traits like Tren A[®], there are not two other steroids you could stack together that would equal Trenbolone in this regard. While tremendously beneficial to the cutting phase and often considered essential to competitive bodybuilders during contest preparation, Tren A[®] is also a phenomenal off-season bulking steroid. When we refer to this hormonal compound as versatile, that is truly an accurate statement. There are very few anabolic steroids that can promote mass like Tren A[®]. More importantly, the effects of Tren A[®] in this regard are not only strong but are far cleaner than most traditional bulking steroids. This hormone will not and cannot promote water retention, meaning each and every pound of weight gained due to use will be lean muscle mass. Of equal importance will be this steroid's ability to help the individual control fat gain during a period of growth. To achieve true growth, this will require total caloric intake to be slightly above maintenance levels. How far above will vary from one man to the next, and while many often take it too far, this phase will still require a slight surplus. Unfortunately, this necessary surplus will promote body fat gains but due to the metabolic factors that surround Tren A[®] they will be minimized. This is not a license to eat like there is no end in sight, you can still gain a lot of fat if you continually gorge but you should be able to make better use of your total caloric intake. Those who supplement with Tren A[®] during off-season periods of growth should gain less body fat than they would have without it. Regardless of the purpose of use, all who supplement with Tren A[®] will discover their muscular endurance is tremendously enhanced. This is a very common effect with numerous anabolic steroids, but perhaps a little stronger with Trenbolone. Your muscles will not tire out as fast. However, some have reported that the use of the Trenbolone hormone tends to negatively affect their cardiovascular endurance, but this also appears to be a very individualistic type of thing. Some may find cardiovascular endurance hindered, while others will not. Regardless of this effect, muscular endurance will be enhanced as will the overall rate of recovery. This is important because recovery is where progress is made. Although it's hard for many to wrap their head around it, progress is not actually made in the gym. Training actually tears and breaks down muscle tissue, but recovery is where the benefits are held. By enhancing recovery, we recover faster and more efficiently. All who supplement with Tren A[®] will also find this is one of the best anabolic steroids on earth for increasing strength. Those who supplement during a period of off-season growth will find tremendous increases in strength. However, even with maintenance level calories strength should still increase. During a caloric deficit, it is possible for a moderate strength increase to occur if the hormone is used early on in a diet. As the individual becomes very lean, such as competition lean, it is unlikely he should expect a strength boost. Again, this steroid is very common in competitive bodybuilder contest prep plans, and it is most commonly used at the back half or back end of a plan. This allows for the benefits to show through with the most strength. The hardness and definition will not be as pronounced if there is still a significant layer of body fat on the physical. However, during this phase of use, strength probably will not go up, but the individual should find he is able to maintain a lot more strength that would otherwise be lost.

INDICATIONS AND USAGE:

Tren A[®] is a 19-nortestosterone (19-nor) anabolic androgenic steroid. Neither the 19-nor classification refers to a structural change of the testosterone hormone in that it lacks a carbon atom at the 19th position. This puts Tren A[®] (Trenbolone Acetate) in the same category Deca-Nan[®] (Nandrolone Decanoate). In fact, the Trenbolone hormone itself is simply a modified form of the Nandrolone hormone. The Trenbolone hormone carries a double bond at carbons 9 and 11, which in turn slows its metabolism, greatly increases its binding affinity to the androgen receptor, and inhibits it from aromatizing. The resulting change makes Trenbolone one of the most potent anabolic steroids of all time. Simply by looking at its structural ratings, we can begin to see how powerful it is. Trenbolone carries an anabolic rating of 500 and an androgenic rating of 500 is well. Such ratings are based on and measured against the ratings of testosterone, which carries a rating of 100 in both categories. Beyond its basic hormone structure, Tren A[®] has the small/short Acetate (acetic acid) ester attached to it. The ester is attached in order to control the hormone release time post injection. By carrying the Acetate ester, this gives Trenbolone an active half-life of approximately two days. Some data shows its active half-life to be a little less than three days, so forty-eight to slightly less than seventy-two hours would appear to be a good range. This, obviously, makes Tren A[®] a fairly fast acting steroid and will require injections to take place somewhat frequently in order to maintain stable blood levels. Tren A[®] carries several powerful traits that are commonly associated with numerous anabolic steroids. However, while it carries numerous common traits, it also carries them at a rate of power and efficiency far above and beyond most steroids. Tren A[®] also carries one trait that largely separates it from the rest of the pack and is what is largely responsible for making it such a valuable hormonal compound. Like numerous anabolic steroids, Tren A[®] will greatly enhance protein synthesis and nitrogen retention in the muscle tissue. Protein synthesis refers to the rate by which cells build proteins; protein represents the primary building block of muscle. This will promote enhanced anabolism, as well as provide a strong protectant atmosphere during a caloric deficit. It will also largely promote a far greater level of recovery. As for nitrogen retention, the more nitrogen we retain the more anabolic we remain. Conversely, when nitrogen levels fall, this can lead to a catabolic or muscle wasting state. This is due to all lean muscle tissue being comprised of approximately sixteen percent nitrogen. While this is not a large amount, it is enough to make a very big difference. Once again, with enhanced nitrogen retention the anabolic atmosphere is greatly enhanced, tissue is preserved, and recovery is promoted. Like many anabolic steroids, Tren A[®] has the ability to greatly promote Insulin-Like Growth Factor-1 (IGF-1). IGF-1 is a powerful, naturally produced protein based hormone that is extremely anabolic, highly important to recovery and rejuvenation, and affects nearly every cell in the human body. IGF-1 plays a role on muscle tissue, ligaments and tendons, cartilage, the central nervous system, and the pulmonary system. There are very few anabolic steroids that will promote IGF-1 like Tren A[®]. Tren A[®] also has the ability to greatly increase red blood cell count. Red blood cells are responsible for carrying oxygen to and through the blood. With an enhanced amount, this increases blood oxygenation. This will tremendously enhance muscular endurance and will once again greatly promote an enhanced rate of recovery. While Trenbolone carries this trait, we cannot say it carries it in a manner that is above and beyond other anabolic steroids. Another common steroid trait held by Tren A[®] is its ability to inhibit glucocorticoid hormones. Glucocorticoid hormones, sometimes referred to as stress hormones, are in many ways the opposite of anabolic steroid hormones as they destroy muscle tissue and promote fat gain. They are, however, essential to our wellbeing, to a degree, but the use of Tren A[®] will ensure such hormones do not become dominant in the body. This will be useful during any phase of supplementation, but perhaps more so during a hard diet when glucocorticoids like cortisol often become dominant. Tren A[®] is strong binding affinity to the androgen receptor will also be another trait that is very useful when dieting. Like most anabolic steroids, the use of Tren A[®] will promote a more powerful metabolism; however, strong binding to the androgen receptor has been linked to direct lipolysis. This will be extremely valuable during a diet, but can also be tremendously beneficial during an off-season period of growth by helping the individual maintain a lower level of body fat. The final trait of Tren A[®] is its ability to improve feed efficiency or what is sometimes referred to as nutrient efficiency. This is the precise reason why the hormonal compound is given to cattle. Food is the most important part of any plan, and the most anabolic substance we can consume. However, the body will only utilize each nutrient to a certain degree. The food in question will determine the rate of utilization. However, by including Tren A[®] into a program, each nutrient consumed becomes more valuable, and the body is now able to utilize each nutrient to a higher degree. While the total intake of nutrients may not have changed, the body will be able to make better use of the same amount. The best way to look at it is like the money in your pocket. With one dollar you are able to buy one dollar's worth of goods and services. Now imagine if you could take that same dollar and purchase ten dollars' worth of goods and services. While perhaps a slight oversimplification, when it comes to the value of the nutrients you consume, this is essentially what Tren A[®] will do.

WARNINGS:

LIVER CELL TUMORS ARE REPORTED. MOST OFTEN THESE TUMORS ARE BENIGN AND ANDROGEN DEPENDENT, BUT FATAL MALIGNANT TUMORS HAVE BEEN REPORTED. WITH DRAWAL OF DRUG OFTEN RESULTS IN REGRESSION OR CESSATION OF PROGRESSION OF THE TUMOR. HOWEVER, HEPATIC TUMORS ASSOCIATED WITH ANDROGENS OR ANABOLIC STEROIDS ARE MUCH MORE VASCULAR THAN OTHER HEPATIC TUMORS AND MAY BE SILENT UNTIL LIFE-THREATENING INTRA-ABDOMINAL HEMORRHAGE DEVELOPS. PELIOSIS HEPATIS, A CONDITION ARE ALSO REPORTED IN WHICH LIVER AND SOMETIMES SPLENIC TISSUE IS REPLACED WITH BLOOD-FILLED CYSTS, HAS BEEN REPORTED IN PATIENTS RECEIVING ANDROGENIC ANABOLIC STEROID THERAPY. THESE CYSTS ARE SOMETIMES PRESENT WITH MINIMAL HEPATIC DYSFUNCTION, BUT AT OTHER TIMES THEY HAVE BEEN ASSOCIATED WITH LIVER FAILURE. THEY ARE OFTEN NOT RECOGNIZED UNTIL LIFE-THREATENING LIVER FAILURE OR INTRA-ABDOMINAL HEMORRHAGE DEVELOPS. WITHDRAWAL OF DRUG USUALLY RESULTS IN COMPLETE DISAPPEARANCE OF LESIONS. BLOOD LIPID CHANGES THAT ARE KNOWN TO BE ASSOCIATED WITH INCREASED RISK OF ATHEROSCLEROSIS ARE SEEN IN PATIENTS TREATED WITH ANDROGENS AND ANABOLIC STEROIDS. THESE CHANGES INCLUDE DECREASED HIGH-DENSITY LIPOPROTEIN AND SOMETIMES INCREASED LOW-DENSITY LIPOPROTEIN. THE CHANGES MAY BE VERY MARKED AND COULD HAVE A SERIOUS IMPACT ON THE RISK OF ATHEROSCLEROSIS AND CORONARY ARTERY DISEASE.

SIDE EFFECTS:

There are certainly some possible side effects to Tren A[®] use, but possible is an important word to note. Over the years, and this is more than apparent on steroid message boards, an idea has been passed along that the side effects of Tren A[®] are assured. In fact, some actually believe that if they do not occur it must be due to a poor product. Not only is this a ridiculous way of thinking, it really does not make any sense. Trenbolone, while tremendously powerful, is not some strange steroid from the 5th dimension. Remember, it is simply an altered form of Nandrolone, which itself is simply an altered form of the primary male androgen testosterone. While the possible side effects of Tren A[®] are often blown out of proportion, we cannot call this the most side effect friendly anabolic steroid of all time but most certainly not the unfriendliness. Many of the possible side effects of Tren A[®] will be very similar to many anabolic steroids and just as controllable. Many will also be largely dependent on genetic predispositions and sensitivity. However, when it comes to sensitivity there is a group of what we can call response side effects that are a little unique to the Trenbolone hormone. There will be those who experience such effects while many will not. Unfortunately, the response effects will keep many from being able to use this steroid. In fact, while most men will be fine there will be more men who cannot use Trenbolone than perhaps any anabolic steroid. However, keep in mind the response effects of Tren A[®] are in no way an indicator of the hormone working. If you're a fantastic responder, you shouldn't have any issue at all. In order to help you understand the possible side effects of Tren A[®], we have broken them down into their separate categories along with all the information you will need.

Estrogenic: Trenbolone is not estrogenic. This anabolic steroid does not aromatize at all, which is the very reason excess water retention is impossible with this steroid. However, [gynecomastia](#) is still possible due to the hormone carrying a strong progestin nature. Progesterone has the ability to stimulate the estrogenic mechanism in the mammary tissue, which can promote gynecomastia. Many men will not have an issue, but an individual's sensitivity to gynecomastia will play a role. [Anti-estrogens](#) will provide protection for those who need it.

An important note: for many years, it has been assumed that Trenbolone based gynecomastia was due to a buildup in prolactin. However, this has been proven false largely thanks to the work of William Llewellyn. In fact, his study on the issue has largely been conclusive; it is the progestin nature, not prolactin that causes. Llewellyn has also noted that the use of aromatizing steroids with Trenbolone greatly increases the odds of gynecomastia, often making the use of an [anti-estrogen](#) a necessity.

Androgenic: Trenbolone is a highly androgenic hormone and as to be expected there are possible androgenic side effects of Tren A[®]. Such effects include acne, accelerated hair loss in those predisposed to male pattern baldness, and body hair growth. While such effects are possible they are entirely dependent on your genetics. For example, if you are not predisposed to male pattern baldness it will be impossible for you to lose any of your hair. However, if you are predisposed, while you were going to lose it anyway, the rate of loss will be accelerated. In fact, Trenbolone can be one of the unfriendliness steroids to the hairline in predisposed men.

Due to the androgenicity of Trenbolone, some will try 5-alpha reductase inhibitors like [Finasteride](#) to gain protection. However, the 5-alpha reductase enzyme does not metabolize the Trenbolone hormone and related inhibitors will have very little if any effect. You will not be able to reduce the androgenicity of this hormone, which should be kept in mind if such effects are a concern for you.

Cardiovascular: The side effects of Tren A[®] in this category can be a concern for some men. This steroid can have a strong, negative impact on cholesterol by suppressing HDL cholesterol (good cholesterol) and increasing LDL cholesterol (bad cholesterol). This negative effect on cholesterol should not be as strong as most oral anabolic steroids, but it will be far more pronounced than most [injectable steroids](#). It is controllable, but it will take a concentrated effort. A cholesterol friendly lifestyle is imperative, which means a cholesterol friendly diet rich in omega fatty acids, low in saturated fats, and low in simple sugars. It also means incorporating regular cardiovascular activity into your routine, even during off-season periods of growth. Do not buy into the idea that cardio is a bad idea during the off-season. That is a myth that has done more harm than good. Many are also encouraged to include a cholesterol antioxidant supplement when using Trenbolone.

Tren A[®] can also have a negative impact on blood pressure. However, it does not appear to negatively affect most healthy adult men in this way. Regardless, it is possible and you should keep an eye on it. If you cannot control your blood pressure, you should discontinue use immediately.

Testosterone: Regardless of the purpose of use, your genetics or rumors you may have heard, the side effects of Tren A[®] will always include natural testosterone suppression. All anabolic steroids suppress natural testosterone production, but the rate of suppression varies greatly from one steroid to the next. In the case of Trenbolone, it will be more than significant. It will be nearly impossible not to fall into a [low testosterone](#) state without the inclusion of exogenous testosterone. Include exogenous testosterone during your cycle and this problem is solved.

Once your cycle ends and all the exogenous hormones have cleared your system, natural testosterone production will begin again on its own. However, natural levels will still be very low, and it will take a good bit of time to reach a full recovery. For this reason, most are encouraged to implement a Post Cycle Therapy (PCT) plan. A PCT plan will stimulate natural testosterone recovery and ensure you have enough testosterone for proper bodily function while your levels continue to naturally rise. This will not promote a full recovery on its own, that will still take time, but it will shorten the process. It will also ensure cortisol does not become the dominant hormone when [testosterone levels](#) are low for an extended period of time. If cortisol becomes dominant, this can destroy your physique. Some important notes on natural testosterone recovery: natural recovery assumes no prior low testosterone state existed. It also assumes severe damage was not done to the Hypothalamic-Pituitary-Testicular-Axis (HPTA) due to improper anabolic [steroid use](#). Another important

note is while a PCT plan is very beneficial; being off of the cycle for a short period of time is counterproductive. This should be kept in mind in hardcore circles.

Hepatotoxicity: On its surface, Tren A[®] is not considered a hepatotoxic anabolic steroid. Most should have no issues with liver stress or damage. However, the hormone does appear to provide a level of toxicity with extremely high doses, but it appears to take doses that are far beyond what most any human would ever undertake. The odds of any hepatic stress are extremely rare.

Response Effects: The final side effects of Tren A[®] surround those that will keep some from using the hormone. On their surface they do not sound too bad, but they can occur in a way that is beyond dramatic. The response side effects of Tren A[®] include anxiety, insomnia, night sweats, and rapid heart rate. If such effects occur, lowering the dose can sometimes help. Extremely high doses can cause these effects, but a lot of men will find they occur at any dose. If this is the case, the hormone may not be for you. It may seem unfair but that's life. Some can take Aspirin and some cannot; many can drink milk but others cannot. This is just a part of life.

DOSAGE AND ADMINISTRATION:

There are no dosing or administration guidelines available for Tren A[®] in a therapeutic capacity. The hormone has never been approved for human use. Remember, Parabolan[®] (Trenbolone Hexahydrobenzylcarbonate) is the only Trenbolone compound ever approved for human use. The suggested dosage is 50mg every other day in a 10ml dose of 500mg/ml with 100 mg every other day often being all the Tren A[®] many men will ever need. Very few men will need more than 100 mg every other day during the off-season. If higher doses are to be used, this will most commonly be during the cutting phase. Some men will be able to tolerate 100 mg every day or 200 mg every other day, but this does increase the risk of side effects greatly, especially response related. 50 mg every other day is often deemed a very low dose, but remember this is an extremely powerful anabolic steroid. This is a very controllable dose for most men, should be very comfortable, and should provide fantastic results. If not, something is wrong with your product. On the injection schedule, every other day will be the most efficient. Every day can be fine but would not really provide much of a benefit over every other day. However, it is possible to only inject the hormone on a standard three day a week schedule, such as every Monday, Wednesday and Friday. This will cause a slight dip in blood levels with the two days in a row of no administration, but outside of competition circles, it really should not be a big deal or even noticeable.

For Body building: Adult male: suggested dose 50 –100 mg injected IM every 3 days for duration limited to 4 weeks under care of physician, female is not recommend.

PATIENT MONITORING:

Serum Cholesterol, HDL, LDL, TG. Hemoglobin and Hematocrit, Hepatic function tests – AST/ALT. Prostatic specific antigen – PSA, Testosterone: total, free, and bioavailable. Dihydrotestosterone & Estradiol, Progesterone, Prolactin, Blood Pressure
Male patients over 40 should undergo a digital rectal examination and evaluate PSA prior to androgen use. Periodic evaluations of the prostate should continue while on androgen therapy, especially in patients with difficulty in urination or with changes in voiding habits.

HOW SUPPLIED – Tren A[®] Injection, Solution- Intramuscular-100 mg/ml is supplied in multiple dose 10 ml vial with gray color flip cap.

For shelf-life please refer to the imprint on the pack.

Keep out of reach of children.

Should be at controlled room temperatures 15-30°C (59-86°F)

Do not freeze

This drug should be inspected visually for particulate matter and discoloration prior to administration, whenever solution and container permit. Warming and shaking the vial should redissolve any crystals that may have formed during storage at temperatures lower than recommended.

Protect from sun light

This drug has not been shown to be safe and effective for the enhancement of athletic performance!

Manufactured and Distributed by: LA Pharma S.r.l.

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