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Test e powder

Product Name:Testosterone Enanthate powderCAS number:315-37-7Molecular Formula:$C_{26}H_{40}O_3$Molecular Weight:400.6 g/molMelt Point:34-39°CPurity:> 98%Appearance:White crystalline powderStorage Temp:Store at 8°C-20°C, protect from moisture and lightNoted: Please refer to Certificate of Analysis for more information of Testosterone Enanthate powder.Testosterone Enanthate is a well-known anabolic steroid that is widely used in the fitness and bodybuilding community. Testosterone Enanthate is a hormone that plays a key role in muscle growth and development. It is often used in bodybuilding and other sports to enhance muscle mass, strength, and overall performance. It can help increase protein synthesis and nitrogen retention in muscle, which supports muscle growth and recovery.In the bodybuilding community and for performance enhancement, Testosterone Enanthate is favored for its ability to promote muscle growth, strength, and overall physical performance. Athletes and bodybuilders use it during bulking cycles to increase muscle mass and during cutting cycles to help maintain muscle and reduce body fat. In medical settings, it is often used in testosterone replacement therapy (TRT) to treat conditions associated with low testosterone levels in men, such as hypogonadism.2.Is Testosterone Enanthate Legal?The legality of testosterone enanthate varies depending on the country and its regulations regarding anabolic steroids and prescription drugs.The legality of testosterone enanthate can vary greatly between countries, with some countries having very strict regulations and others having more lax regulations. Be sure to check the specific regulations in your country or region.If you need testosterone enanthate for medical purposes, be sure to consult a healthcare professional who can provide guidance.3.Testosterone Enanthate Mechanism Of ActionTestosterone Enanthate works by increasing the amount of testosterone in the body, which stimulates protein synthesis and muscle growth. It also helps improve the body's ability to retain nitrogen, an important building block of protein. This can increase muscle mass, strength growth, and improved athletic performance.Testosterone Levels: Testosterone Enanthate is an esterified variant of testosterone. When taken, it gradually releases testosterone into the bloodstream, which increases overall testosterone levels in the body.Protein Synthesis: Increased testosterone levels stimulate protein synthesis, which is the process by which cells build protein. This is essential for muscle repair and growth after exercise.Nitrogen Retention: Testosterone enhances the body's ability to retain nitrogen. Since nitrogen is a building block for amino acids (the building blocks of protein), better nitrogen retention means more raw materials are available for muscle growth and repair.4.What Does Testosterone Enanthate Do To Your Body?①Testosterone Replacement Therapy (TRT) for MenTest enanthate powder is a drug class of testosterone replacement because it can enhance libido and sexual performance, which makes it an excellent treatment for men with low testosterone levels. So it is usually used for testosterone replacement therapy (TRT) for men.②Improved Athletic PerformanceTestosterone Enanthate is well known for its effects in enhancing endurance and athletic performance. By boosting red blood cell production and increasing the blood's oxygen-carrying capacity, it can significantly improve an athlete's endurance, speed, and ability to recover between workouts.③Increased Muscle Mass and Improved StrengthOne of benefits of testosterone enanthate powder is muscle mass and strength growth. It promotes muscle hypertrophy, which is essential for a desirable body shape. Moreover, test enanthate powder also helps in reducing body fat percentage, making it an excellent tool for fat loss. Test e powder improves endurance, stamina, and recovery time, making it an excellent steroid for athletes and bodybuilder.④Stronger BonesIn addition for muscles gain, testosterone enanthate powder also works on enhancing bone mineral density. With research showing an increase of 20% in bone density, it provides a robust skeletal structure that supports more muscle mass.5.What Are Side Effects Of Testosterone Enanthate?Test enanthate has many potential side effects as with any steroids. These adverse effects of Test E range from mild to severe and may include liver damage, acne, hair loss, water retention, and mood swings. However, these may get better over time as following the recommended test e dosages and cycle lengths. The side effects can also be mitigated by incorporating a Post Cycle Therapy (PCT) program such as Clomid and Nolvadex powder after the cycle.But some side effects are very serious and can cause irreversible damage. In men, testosterone replacement therapy((TRT) can result in decreased fertility, and the effects on fertility may be irreversible. In women, test enanthate injections may cause masculine characteristics, and some of these changes, especially deepening of the voice and clitoral hypertrophy, may become irreversible if treatment is continued.An overdose of test enanthate powder may cause unpleasant withdrawal symptoms such as sleep problems, tiredness, irritability, depression, loss of appetite, or decreased libido upon discontinuation of the drug.6.The Dosage of Testosterone EnanthateTestosterone Enanthate is indeed a popular choice among athletes and bodybuilders for its muscle-building and strength-enhancing properties. It is also prescribed for men with low testosterone levels to help maintain normal hormonal balance and associated physiological functions. It is usually injected into the muscle every 2-4 weeks at a dose of 250 mg to 500 mg per week.7.Which is better of Test cypionate or Test enanthate?Both test enanthate and test cypionate powder are the most popular steroids powder used for bodybuilding. However, it is still essential to compare it to test cyp powder to determine which one best suits your needs.ItemsTestosterone enanthateTestosterone cypionateShort nameTest E, Test enanthateTest C, Test cyp, Test cypionateHalf-lifeAbout 11 daysAbout 12 daysDosage FrequencyTest e injection with 5-7 days a timeTest cyp injection with 7-10 days a timeSide effectstest enanthate > test cypionateEffectivenesstest cypionate > test enanthatePrice/Coststest enanthate > test cypionate8.Where To Buy Testosterone Enanthate Powder Online?Many different pharmaceutical companies require bulk Testosterone Enanthate raw powder from top Testosterone Enanthate steroid powder supplier. Test e powder is also a popular AAS over the globe. Both professionals and beginners like testosterone because it works on everyone. That is why testosterone is extremely popular and often used by everyone in every cycle. Regenerative properties are expressed in it so that the mechanisms of renewal of the body work constantly. Athletes using enanthate note a very quick action, a surge of vitality, an increase in overall tone. The body receives a huge amount of energy, therefore, significantly accelerating the periods of compensation. While running a cycle with testosterone, many athletes are able to train up to 6 times a week. Some are even so ambitious as to train twice a day. For some, workouts last several hours. The body responds to these processes with constant growth and conservation of mass and strength.Aea.ltd is a dependable bulk Testosterone Enanthate powder manaufacturer in China that brings you the proper amount of powder in a safe and secure manner. We have an FDA-approved state-of-the-art manufacturing facility where such powders are produced with the highest level of purity. When you buy Test e powder from the renowned Testosterone Enanthate powder manufacturer-Aea.ltd., the testing results for related batch Testosterone Enanthate raw powder may be supplied for reference.Looking for Testosterone Enanthate steroid Powder in good quality and large quantity? You come at the right place. Aea.ltd- a reliable and professional Testosterone Enanthate steroid powder manufacturer in 2023. No matter you want to buy Testosterone Enanthate powder in small quantity or buy large quantity Testosterone Enanthate powder in best quality, our company can match all of your requirements.Testosterone Enanthate powder is a white steroid powder popular use in bodybuilding market by bodybuilders and other athletes , it is an injectable steroid.Our company is the best Testosterone Enanthate pure powder manufactuer in 2023, the raw Testosterone Enanthate powder is manufacture according to cGMP standard strictly, equipped with HPLC, GC, and other analytical instruments. Tests can be done on IR, GC/MS, LC/MS and 400NMR at the SIOC through contract. Our factory have 3×1000KG standard Testosterone Enanthate powder production reactors, monthly synthetic production capacity reach 1650KG. QA Operations have been in place for several years to insure that the Testosterone Enanthate powder at our company are prepared responsibly and in accordance with ISO 9001 standards.As one of the best Testosterone Enanthate powder steroids manufactuers in 2023, our factory is one stop reliable Testosterone Enanthate powder manufacturer offering you the best quality Testosterone Enanthate pure powder from grams to kilograms, delivery to your address in safe and secure local delivery service.Contact to get the best Testosterone Enanthate powder price!Aea.ltd is the professional manufacturer of Testosterone Enanthate(Test E) powder and the production capacity is stable. Our factory will confirm the quality standard before sell, make sure that all Test Enanthate powder which sell to clients is conform the quality standard. We also welcome our clients to test our pure Testosterone Enanthate raw powder at anytime. Here are some testing reports of Test E powder for reference:1.Certificate of Analysis-Testosterone Enanthate Powder(CAS:315-37-7)COA-Testosterone Enanthate Powder(CAS:315-37-7)What is COA and What does COA tell you? A certificate of analysis (CoA) is an essential document in chemical distribution that outlines all the tests performed on a product before it is shipped to a customer. The Certificate of Analysis (CoA) is a contractual document most often issued by a quality control department. It serves to confirm with evidence (analysis results) that a product is tested according to certain standards and methods, and that test results are available.2.HNMR Report-Testosterone Enanthate Powder(CAS:315-37-7)What is HNMR and What does HNMR tell you? H Nuclear Magnetic Resonance (NMR) spectroscopy is an analytical chemistry technique used in quality control and research for determining the content and purity of a sample as well as its molecular structure. For example, NMR can quantitatively analyze mixtures containing known compounds. For unknown compounds, NMR can either be used to match against spectral libraries or to infer the basic structure directly. Once the basic structure is known, NMR can be used to determine molecular conformation in solution as well as studying physical properties at the molecular level such as conformational exchange, phase changes, solubility, and diffusion.3.Janoshik Report-Testosterone Enanthate Powder(CAS:315-37-7)Noted: How to verify the test report from Janoshik?① Go to Janoshik.com② Click 'Verify'③ Enter task number and unique key which was showed on reports.Aea.ltd is the best Testosterone Enanthate powder manufacturers in China and our factory produce high quality Test e powder in term, we welcomes many requesters and buyers of pure Testosterone Enanthate bulk steroid powder to contact us! Individual users should avoid buying bulk steroid Testosterone Enanthate powder. The advantages of wholesale Testosterone Enanthate bulk powder from Aea.ltd

include:❶Factory production on a large scale, consistent supply, a short delivery cycle, and highprice competitiveness;❷Provide a quality assurance report for the corresponding batch of quality test report.❸Professional logistics customization solutions, on-time delivery;❹Payment methods that are diverse, such as TT and virtual currency;❺High-quality pre-sales and after-sales service, followed by product and order details consultation.1.How to get the quick quote of Testosterone Enanthate powder online?Visit professional Testosterone Enanthate powder supplier in China-Aea.ltd website,choose the Test e powder you want,and leave your contact and message on Aea.ltd website,then submit,Aea.ltd, the customer service will reply you in 12 hours once received your message,then talk in details about Testosterone Enanthate powder.2.Does Aea.ltd support the free sample of Testosterone Enanthate powder? It depends, different products with different policy, please check it with our customer service. Most of products can be accepted for free sample. Welcome our clients test our white pure Testosterone Enanthate powder at any time!3.What about the wholesale raw Testosterone Enanthate powder packages from Aea.ltd?Aea.ltd, as a professional raw Testosterone Enanthate powder factory, offers professional packages on raw Testosterone Enanthate bulk powder and adheres to stringent packaging requirements. We utilize a robust aluminum barrel and a double layer aluminum foil bag to pack Testosterone Enanthate powder for bulk wholesale orders, with 25kg per drum and 1kg Test e powder each bag. Furthermore, we accept customized packaging services based on the needs of our customers.4.Can I buy discount Testosterone Enanthate powder from Aea.ltd? Sure, our factory produce high quality Testosterone Enanthate powder in term and keep Testosterone Enanthate powder in stock. Our company has planned promotions on bulk Testosterone Enanthate powder every year. You can buy high quality Test e powder by lower price during promotion sale. You can keep touch with our customer manager and they will update the latest bulk Testosterone Enanthate price for you in time.You Might Also Be Concerned About These Issues:1. How to use Testosterone Enanthate powder?2. How does Testosterone enanthate affect the body?3. What is the side effects of testosterone enanthate on the body? 4. What is the half life of Testosterone Enanthate?5. How much Testosterone Enanthate cost?6. What results can we expect from Testosterone Enanthate?7. What is best cycle of Testosterone Enanthate?8. What is Testosterone Enanthate used for?9. How often do you inject Testosterone Enanthate?10. How long does Test e last in your body? 11. Which is better testosterone cypionate or testosterone enanthate?12. How to find best Test e powder factory from China?As for these questions, please go to the offical website of original drug and see full Prescribing Information and Medication Guide, especially for personal use, please use Testosterone Enanthate powder or injection under the guide of doctor.[1] Nieschlag E, Behre HM, Nieschlag S (26 July 2012). Testosterone: Action, Deficiency, Substitution. Cambridge University Press. pp. 315–. ISBN 978-1-107-01290-5. [2] Nieschlag E, Behre HM, Nieschlag S (13 January 2010). Andrology: Male Reproductive Health and Dysfunction. Springer Science & Business Media. pp. 442–. ISBN 978-3-540-78355-8.[3] Kicman AT (June 2008). Pharmacology of anabolic steroids". British Journal of Pharmacology. 154 (3): 502–21. doi:10.1038/bjp.2008.165. PMC 2439524. PMID 18500378.[4] Lilley LL, Snyder JS, Collins SR (5 August 2016). Pharmacology for Canadian Health Care Practice. Elsevier Health Sciences. pp. 50–. ISBN 978-1-77172-066-3.[5] Becker KL (2001). Principles and Practice of Endocrinology and Metabolism. Lippincott Williams & Wilkins. pp. 1185, 1187. ISBN 978-0-7817-1750-2. Basic CharactersProduct Name:Testosterone Enanthate powderCAS number:315-37-7Molecular Formula:$C_{26}H_{40}O_3$Molecular Weight:400.6 g/molMelt Point:34-39°CColor:White crystalline powderStorage Temp:Store at 8°C–20°C and protect from moisture and lightFor the usage and dosage of testosterone enanthate, please refer to the professional guidance provided by the original pharmaceutical company. As a professional manufacturer of testosterone enanthate raw material powder, AASraw respects and appreciates the research contributions of the original pharmaceutical company and does not provide product usage recommendations.What is Testosterone Enanthate powder?Testosterone enanthate powder (also commonly known as Test E/TE powder) is a type of steroid that is commonly used by athletes and bodybuilders to enhance their muscle growth and strength. Testosterone enanthate is a synthetic form of testosterone, which is the primary male hormone responsible for the development of secondary sex characteristics such as muscle growth, bone density, and body hair. It is an injectable steroid that is slowly absorbed into the bloodstream over time, which makes it a popular choice among athletes and bodybuilders who want to maintain a steady level of testosterone in their bodies.How does Testosterone Enanthate powder work?Testosterone enanthate (Test E) powder is injected intramuscularly and absorbs gradually into the circulation. Following injection, the ester chain is broken, allowing testosterone to start working. Because this separation process takes time to complete, the hormone can enter the body gradually. Within the first 24 to 48 hours following injection, testosterone levels rise dramatically before continuing to spread throughout the body.Once in the body, testosterone enanthate (TE) functions by attaching itself to androgen receptors found in a variety of organs and tissues, including bone and muscle cells. A number of signaling pathways are triggered by this combination, which promotes the synthesis of proteins and the growth of muscle mass and strength.The benefits of Testosterone Enanthate powderTestosterone Enanthate is a popular anabolic steroid that is often used by athletes and bodybuilders to increase muscle mass, strength, and performance. But beyond its recreational use, testosterone enanthate powder can provide several benefits for individuals who suffer from low testosterone levels and other diseases. The potential benefits of testosterone enanthate powder are as follows:①Increased Muscle MassWhen it comes to muscle growth, testosterone enanthate is always mentioned. It enhances protein synthesis, facilitating the development of lean muscle tissue. With an appropriate workout regimen, users can experience significant gains in muscle mass.②Enhanced Strength and PowerTestosterone enanthate can lead to substantial improvements in strength and power output. This allows athletes to train harder, lift heavier weights, and perform explosive movements with greater force.③Improved Athletic PerformanceBy boosting red blood cell production and oxygen-carrying capacity, testosterone enanthate can enhance endurance and overall athletic performance. This can result in better stamina, increased speed, and improved recovery between intense training sessions.④Accelerated RecoveryTestosterone enanthate aids in the repair and recovery of muscle tissue following strenuous exercise. It reduces the time needed for recuperation, allowing athletes to train more frequently and intensely.⑤Increased Sex DesireAlthough testosterone levels are not the key factor in determining sexual desire, a number of studies have shown that testosterone therapy can increase sexual desire in men with low testosterone levels. Testosterone enanthate is the most common testosterone therapy drug.⑥Boosted Confidence and Well-beingThe positive effects of testosterone enanthate extend beyond physical performance. Users often report an increased sense of confidence, motivation, and overall well-being. This can have a positive impact on various aspects of life, including work and personal relationships.Testosterone Enanthate powder side effectsTestosterone enanthate powder is a synthetic form of testosterone that is often prescribed to treat low testosterone levels in men. While it can be an effective treatment for certain medical conditions, it also carries the risk of side effects.acneHeadacheback paincoughfatigueInjection site reactions (bruising, bleeding, redness)high blood pressureIncreased prostate specific antigen,Elevated blood creatine phosphokinaseincrease blood testosteroneErythrocytosisWhere to buy Testosterone Enanthate powder?AASraw is a reliable manufacturer and supplier specializing in the supply of testosterone enanthate powder. With our industry expertise and experience, we provide high-quality products to researchers, pharmaceutical companies, and individuals working in testosterone enanthate synthesis and development. If you are looking for a dependable Testosterone Enanthate supplier, Aasraw is a fantastic option to buy Testosterone Enanthate powder.AASraw supplies pure Testosterone Enanthate (Test E) powder for sale, which is manufactured under strict quality control standards to ensure purity and potency. AASraw provides fast and discreet shipping to customers worldwide, making it easy to get the products you need quickly and conveniently. Whether you are a professional athlete, bodybuilder, or simply looking to improve your physique, AASraw has the products and expertise to help you.Raw Testosterone Enanthate (Test E) Powder Testing Report-HNMRRaw Testosterone Enanthate (Test E) Powder Testing Report-HNMRWhat is HNMR and What does HNMR spectrum tell you? H Nuclear Magnetic Resonance (NMR) spectroscopy is an analytical chemistry technique used in quality control and research for determining the content and purity of a sample as well as its molecular structure. For example, NMR can quantitatively analyze mixtures containing known compounds. For unknown compounds, NMR can either be used to match against spectral libraries or to infer the basic structure directly. Once the basic structure is known, NMR can be used to determine molecular conformation in solution as well as studying physical properties at the molecular level such as conformational exchange, phase changes, solubility, and diffusion.Testosterone Enanthate(315-37-7)-COATestosterone Enanthate(315-37-7)-COATestosterone Enanthate powder -janoshik test reportNoted: How to verify the test report from Janoshik? ① Go to Janoshik.com ② Click 'Verify' ③ Enter task number and unique key which was showed on reports.How to buy Testosterone enanthate powder from AASraw?❶To contact us by our email inquiry system, or leave your WhatsApp number to us, our customer service representative(CSR) will contact you in 12 hours.❷To provide us with your inquired quantity and address.❸Our CRS will provide you with the quotation, payment term, tracking number, delivery ways, and estimated arrival date(ETA).❹Payment done and the goods will be sent out in 12 hours.❺Goods received and give comments Author of this article: Dr. Monique Hong graduated from UK Imperial College London Faculty of MedicineScientific Journal paper Author: 1. Samira Shirooie Pharmaceutical Sciences Research Center, Health Institute, Kermanshah University of Medical Sciences, Kermanshah, Iran 2. Mahgol Tajbakhsh Pharmaceutical Sciences Research Center, Mazandaran University of Medical Sciences, Sari, Iran 3. Rashmi Reddy MD Department of Endocrinology, Medstar Franklin Square Medical Center, Baltimore, Maryland 4. Takaya Iyoki MD Department of Urology, Sapporo Medical University School of Medicine, Sapporo, Hokkaido, Japan In no way does this doctor/scientist endorse or advocate the purchase, sale, or use of this product for any reason. Aasraw has no affiliation or relationship, implied or otherwise, with this physician. The purpose of citing this doctor is to acknowledge and commend the exhaustive research and development work done by the scientists working on this substance. Testosterone Enanthate is one of the oldest and perhaps the most commonly used anabolic steroid of all time. Testosterone Enanthate is a slow acting release form of the testosterone hormone and would be the first large/long ester testosterone form used. Synthetic testosterone itself would be developed in the 1930's. The first batches of testosterone manufactured would have no ester attached (Testosterone Suspension) and needless to say would be fast acting and require very frequent injections. In 1937 the first ester controlled testosterone would hit the market thanks to Schering and their new Testosterone Propionate product. This would allow for more control over the testosterone hormone by regulating its time release. However, in the early 1950's a larger ester in Enanthate would be attached to the hormone thereby slowing down the hormone's activity even more. Testosterone Enanthate would become the dominating testosterone form in the medical field and Testosterone Cypionate would join a few years later. The difference in Testosterone Enanthate and Testosterone Cypionate is largely inconsequential. Testosterone Enanthate is one of the most commonly used testosterones for the treatment of low testosterone. It is also extremely popular in performance enhancing circles. This is one of the most affordable anabolic steroids on the market, it's highly versatile, tolerated well by most all adult men and its supply is through the roof. Testosterone Enanthate is an anabolic steroid that is perfect for all levels of use. This is the perfect anabolic steroid for the first time steroid user and will be equally effective for the individual with a lot of time in the saddle. It will carry with it possible side effects but we will also find they are very easy to control. If this is surprising it really shouldn't be. After all, although synthetic it's simply testosterone, a hormone the human body is not only well-accustomed to but one that is essential to our health and wellbeing. Testosterone Enanthate Functions & Traits: Testosterone Enanthate is a single large ester base testosterone compound. This is a pure synthetic testosterone hormone that has a carboxylic acid ester attached in Enanthate (enanthoic acid). The ester itself is attached to the hormone at the 17-beta hydroxyl group. By attaching the Enanthate ester, this allows for a control of the hormones active duration and total release time. Once injected, the testosterone does not become active until the ester begins to detach from the hormone. The total detachment does not happen all at once but allows for a slow, steady release of the active hormone into the body. Once injected, there will be a sharp spike in testosterone within the first 24-48 hours post injection. From here the hormone will continually separate and dissipate through the body. By its time frame, Testosterone Enanthate carries a half-life of approximately 8 days, which will allow for as little as one injection every 2 weeks in a therapeutic setting. However, every 7-10 days will prove far more effective in maintaining stability. As is with all testosterone hormones, Testosterone Enanthate carries an anabolic rating of 100 and an androgenic rating of 100. The testosterone hormone is the basis by-which all ratings of all anabolic steroids are measured. And unlike the ratings of some steroids, testosterone's translate perfectly from its structural nature to functional basis. This hormone will present high levels of anabolic and androgenic activity. On a functional basis, Testosterone Enanthate is the perfect remedy for treating low testosterone. If you suffer from low testosterone, this simply means your body is no longer producing enough of this primary androgen on its own. As Testosterone Enanthate is simply that, testosterone, it will remedy the low level condition. Millions upon millions of men worldwide suffer from some type of low level androgen deficiency. In the U.S. alone it is estimated that more than 20 million men suffer from an androgen deficiency. Women can also suffer from low testosterone and Testosterone Enanthate can treat it. However, most women will be better served with alternative forms of testosterone treatment such as gels that contain a mixture of testosterone and progesterone or small testosterone implant pellets like Testopel. For the man who suffers from low testosterone, there are numerous symptoms that can occur. This condition can negatively affect your physical, mental and sexual wellbeing in a host of ways. The symptoms themselves are not life threatening; however, it is an unhealthy condition, very bothersome and can be an open doorway to many far more serious conditions. The symptoms of low testosterone include: Loss of Libido (can refer to partial or total loss) Erectile Dysfunction (inability to maintain or obtain and erection) Loss of Muscle Mass (despite diet & exercise) Loss of Strength (despite diet & exercise) Increased Body Fat (despite diet & exercise) Loss of Mental Clarity Decreased Ability to Focus Lethargy Insomnia Irritability Decreased Energy Depression Weakened Immune System If you suffer from low levels you may not suffer from all the symptoms. Most commonly you will suffer from one of the sexually related from the get go but this isn't necessarily a guarantee. As time goes by, if ignored the condition will lead to you experiencing more symptoms. In fact, it's very possible that you could end up suffering from every last symptom on the list. There truly is no reason for suffering from low testosterone, especially when treatment with compounds like Testosterone Enanthate is so effective and simple to administer. It's also important to keep in mind if the condition is ignored low testosterone has been linked to contributing to many far more serious conditions such as: Alzheimer's Disease Diabetes Osteoporosis Infertility Polyuria Anxiety Heart Disease If you suffer from any of the aforementioned symptoms of low testosterone, you are strongly encouraged to seek out treatment. Talk to your doctor about the condition and seek out treatment with compounds like Testosterone Enanthate. If your doctor is unwilling, go to another doctor. You will find many physicians are increasingly becoming more educated on the topic, but there are still those who refuse to give the matter the attention it deserves. For the performance enhancing athlete, Testosterone Enanthate will benefit them the same as it did the low testosterone patient. They will find their physical, mental and sexual wellbeing to be greatly improved. However, for this individual he will be taking his testosterone levels far beyond baseline. He will be taking his levels above and beyond what could ever be naturally produced. As a result, there are five important traits of testosterone that will be greatly enhanced and are imperative to performance enhancement success. We will go into how the hormone can be beneficial due to these traits in most all cycles, but we need to begin with what makes these traits important. [1] Enhanced Protein Synthesis: Protein represents the primary building block of muscle tissue, where synthesis represents the rate by-which cells build proteins. By supplementing with Testosterone Enanthate, the rate of synthesis is enhanced. This promotes higher levels of anabolic activity and enhances the body's ability to recover. [2] Enhanced Nitrogen Retention: By enhancing nitrogen retention, we protect the anabolic atmosphere and to a degree enhance it even more. All lean muscle tissue is comprised of approximately 16% nitrogen and when levels fall this leads to a catabolic (muscle wasting) state. By maintaining a positive nitrogen balance, we remain more anabolic. This will enhance tissue growth abilities and will be imperative when dieting when it comes to protecting lean muscle tissue. [3] Increased Red Blood Cell Count: By increasing our red blood cell count we greatly increase our muscular endurance. This is due to red blood cells being responsible for carrying oxygen to and through the blood. Greater blood oxygenation equates greater output, more endurance and even plays a role on recovery. [4] Increased IGF-1 Output: Insulin-Like Growth Factor-1 (IGF-1) is a naturally produced protein hormone (peptide class) that is primarily produced by the liver. This hormone is highly anabolic and affects nearly every cell in the human body. It is also directly tied to Human Growth Hormone (HGH) as HGH largely regulates its production. The hormone also plays a strong role on the body's ability to heal and recover affecting muscle tissue, cartilage, nerves, tendons, ligaments and even our central nervous system among many other areas. [5] Inhibition of Glucocorticoids: Glucocorticoid hormones are naturally produced steroidal hormones; however, they are not anabolic. In fact, glucocorticoid hormones are catabolic (muscle wasting) as they destroy muscle tissue and promote fat gain. Cortisol is the most well-known glucocorticoid hormone or as they're often known stress hormones. These hormones are necessary to a degree in the body but not in large amounts. By inhibiting these hormones, we again promote a stronger anabolic atmosphere. When we take our testosterone levels to a high level state, the above traits of the testosterone hormone are enhanced. There is more hormone available to do what the hormone does best. This may all sound very simple but that's only because it is very simple. Anabolic steroids like Testosterone Enanthate are nowhere nearly as complicated as they're often made out to be. They are simply synthetic hormones based on the very hormones our body already produces. Effects of Testosterone Enanthate: If you suffer from low testosterone the effects of Testosterone Enanthate simply mean you will suffer from low testosterone no longer. The symptoms associated with the condition will vanish and each one of those areas of your life will be improved. If you suffer from low testosterone, you should also know that the only thing that will fully remedy the condition is direct testosterone therapy through hormones like Testosterone Enanthate. For the performance enhancing athlete, the effects of Testosterone Enanthate will be highly versatile and will stretch across all aspects of performance. The direction you go will be dependent on your diet and training. This isn't a bulking steroid or a cutting steroid; it is simply a steroid that can serve all purposes of supplementation. For the off-season individual, there are very few anabolic steroids that can promote lean tissue growth like Testosterone Enanthate. The individual will be able to pack on raw size at a significant rate so as long as adequate calories are consumed. You must still eat to grow and you will still need to train. This is not a magical supplement nor is there anything magical about anabolic steroids despite the popular perception. As you will be able to pack on a lot of size, as a bonus you will be able to do so with less body fat accumulation that would otherwise occur. High levels of testosterone will enhance the individual's overall metabolic rate tremendously. This isn't a license to eat with no end in sight, you can still gain fat but you should be able to make better use of your calories. Then we have the cutting cycle and high levels of testosterone provided by Testosterone Enanthate can prove to be invaluable. In order to lose body fat we must burn more calories than we consume. You can eat the healthiest food on earth and exercise four hours a day, but if you're consuming more than you burn you will not lose any fat. Due to the necessary caloric restriction, this can put our lean muscle mass at risk. The body will take what it needs to meet its energy demands from anywhere it can get it and this can include muscle tissue. A well planned diet will be designed to burn body fat not muscle, but as we become leaner the body will begin preserving the body fat due to its survival instinct and take what it needs from muscle tissue. By supplementing with Testosterone Enanthate, the pronounced enhancement of anabolic action will protect this lean tissue and ensure we only burn body fat. It will also see our metabolism greatly enhanced so that we burn body fat at a more efficient rate. The final effects of Testosterone Enanthate will be enjoyed by all those who use the steroid regardless of their direct purpose of use. High testosterone levels will result in greater muscular endurance. You will not tire out as fast and will have the ability to do more work. You will also find your overall rate of recovery is greatly improved, which is essential to progress. Progress is not made in the gym. When we train we actually tear down muscle tissue. It is through recovery that we progress. This makes compounds like Testosterone Enanthate not only invaluable to bodybuilders and recreational gym rats but to athletes as well. Endurance and recovery are two of the key elements to successful athletic performance. As an added bonus, high testosterone levels will increase the individual's strength. This is obviously an advantage to an athlete and is very welcomed in an off-season cycle designed for physique enhancement. During a diet under caloric restriction, especially in harsh diets of a competitive bodybuilding nature, the individual shouldn't expect much if any strength increase but he should be able to maintain more of it. Side Effects of Testosterone Enanthate: There are possible side effects of Testosterone Enanthate use, but we will find they are extremely easy to avoid for the healthy adult male. When we refer to the healthy adult male we are excluding the issue of low testosterone. For the low level patient, the probability of side effects will be extremely low. In such a case, the individual is merely replacing what he's lacking and nothing more. For the performance athlete, the side effects of Testosterone Enanthate will carry a greater probability, but should still be very controllable. Most men can tolerate high levels of testosterone very well. However, as with many things in life individual response and sensitivity issues will play a role. This is not unique to Testosterone Enanthate but holds true with all things we put in our body. In order to understand the possible side effects of Testosterone Enanthate, we have broken them down into their separate categories along with all the information you'll need. [1] Estrogenic: Testosterone Enanthate is an estrogenic hormone in that the testosterone hormone can convert to estrogen due to its interaction with the aromatase enzyme. When aromatized, as estrogen levels rise this can lead to gynecomastia and excess water retention. Excess water retention, if severe can also promote high blood pressure. The odds of these side effects of Testosterone Enanthate being problematic for the low level patient are low, but it is possible. The odds will increase with supraphysiological doses. In order to combat the estrogenic side effects of Testosterone Enanthate, the use of an anti-estrogen medication is often recommended. You have two choices in classes of anti-estrogens, Selective Estrogen Receptor Modulators (SERM's) or Aromatase Inhibitors (AI's). A SERM like Nolvadex (Tamoxifen Citrate) will function by binding to the estrogen receptors, which in turn prevents the estrogen hormone from binding. AI's like Arimidex (Anastrozole) will function by directly inhibiting the aromatase process and lowering the body's serum estrogen levels. AI's are without question the most effective means in combating the estrogenic side effects of Testosterone Enanthate. Unfortunately, they can also prove problematic when it comes to cholesterol. Testosterone can also prove problematic to cholesterol to a degree, often only slightly and the effect of an AI alone is slight. However, combined together, exogenous testosterone and an AI it appears this can have a markedly negative effect. It is controllable but is something you need to be aware of. Conversely, SERM's will not have a negative effect on cholesterol. In fact, SERM's, while anti-estrogens will actually have a positive effect on cholesterol as they act as estrogen in the liver. SERM's should always be your first choice if they can get the job done, but many, especially when supraphysiological doses of testosterone are used will need an AI. [2] Androgenic: The androgenic side effects of Testosterone Enanthate can be fairly strong but are highly dependent on genetic predispositions. The androgenic effects include acne, accelerated hair loss in those predisposed to male pattern baldness and body hair growth. Those who are not predisposed to male pattern baldness will not lose the first hair on their head. Those who are generally not sensitive to acne will rarely have a problem. The androgenic side effects of Testosterone Enanthate are due to the testosterone hormone's ability to reduce to dihydrotestosterone (DHT) due to the hormone being metabolized by the 5-alpha reductase enzyme. Some men may find the use of a 5-alpha reductase inhibitor like Finasteride to be useful. This will reduce the hormone's androgenicity. It will not completely reduce the total androgenicity but it will have a strong effect. [3] Cardiovascular: The use of exogenous testosterone can have a negative effect on cholesterol, particularly in the suppression or reduction of HDL cholesterol (good cholesterol). Low doses of Testosterone Enanthate have been shown to have very little negative effect on HDL cholesterol, but when conjoined with an AI doses of 200-300mg per week have been shown to suppress HDL cholesterol by 20-25%. Higher doses of Testosterone Enanthate, 300-600mg per week without an AI have been shown to reduce HDL cholesterol by 13-21%. With an added AI, this will markedly increase. Due to the potential adverse effects on cholesterol, those who supplement with Testosterone Enanthate should ensure they are living a cholesterol friendly lifestyle. Those who live a cholesterol friendly lifestyle should not have a problem so as long as no underlying issues exists. A healthy lifestyle should include a cholesterol friendly diet that is rich in omega fatty acids. Daily fish oil supplementation is recommended. The individual's diet should also be low in saturated fats and simple sugars and he should incorporate plenty of cardiovascular activity into his routine. [4] Testosterone: The use of Testosterone Enanthate will suppress natural testosterone production. For the low testosterone patient this is not a concern. Such an individual is no longer producing enough testosterone to begin with. For the performance athlete, while on cycle this is also of no concern as the exogenous testosterone being administered will provide your body with all it needs. Once the use of all anabolic steroids comes to an end natural testosterone production will begin again. However, you will not return to normal overnight, this will take some time. Once use has come to an end, most men are encouraged to implement a Post Cycle Therapy (PCT) plan. A quality and effective PCT plan will include SERM's like Nolvadex (Tamoxifen Citrate) and Clomid (Clomiphene Citrate) and the peptide hormone HCG (Human Chorionic Gonadotropin). Without a PCT plan, while you may very well recover it will take an enormous amount of time. You will also be putting your hard earned muscle tissue at great risk as a prolonged low testosterone state is the perfect atmosphere for cortisol to become a dominant hormone. By incorporating a PCT plan, while it will not return you to normal on its own it will speed up the process. A solid PCT plan will ensure you have enough testosterone for proper bodily function while your levels continue to naturally rise. An important note on natural testosterone recovery; natural recovery assumes no prior low testosterone condition existed. It also assumes the Hypothalamic-Pituitary-Testicular-Axis (HPTA) was not severely damaged due to improper anabolic steroid use. [5] Hepatotoxicity: Testosterone Enanthate is not toxic to the liver. This steroid will present no stress or damage to the vital organ. Testosterone Enanthate Administration: To treat low testosterone, standard Testosterone Enanthate doses will fall in the 100-200mg every 7-10 day range most commonly. However, some physicians will split the total dosing up and administer it every five days. Less common in the U.S. some physicians will prescribe doses of 200-400mg every 2-3 weeks and in some cases every 4 weeks. This is very inefficient but a practice some follow. The total duration of treatment will be indefinite. Most men who need low testosterone treatment will need it for life. This may sound annoying but ask yourself an important question; would you rather suffer from low testosterone or treat it? In a performance enhancement setting, common Testosterone Enanthate doses will fall in the 200-500mg per week range. 200-250mg per week is very common if the hormone is only being used to combat natural testosterone suppression caused by the use of other anabolic steroids. For a true anabolic effect, most men will find 400-500mg per week to be highly effective and very easy to control. Such doses will normally be split into two equal doses per week for a total weekly dosing. Doses can go higher than 500mg per week; however, many men will find the 500mg range to be all they need. If more is desired, many men will find 600-1,000mg per week can be tolerated and controlled but doses that approach the 1,000mg mark will greatly increase the probability of adverse effects. How much testosterone a man can tolerate and control will vary from one man to the next. However, most men will find doses above 1,000mg per week all but guarantee side effects at some level. Regardless of your purpose of use, Testosterone Enanthate stacks well with all anabolic steroids. There is, however, no reason to stack it with another testosterone. This would be pointless in most cases. Simply choose other steroids that meet the desired purpose of use most efficiently. Availability of Testosterone Enanthate: Testosterone Enanthate is the most commonly available anabolic steroid the world over. The most popular and commonly used brand is without question Schering's Testoviron or Testoviron Depot. It is carried by pharmacies across the world except in the U.S. and numerous black market suppliers carry the brand. Other well-known brands that are widely available include Norma Hellas generic Testosterone Enanthate (Greece), Aburaihan generic Testosterone Enanthate (Iran), Alpha Pharma Testobolin (India), and Galenika Testosteron Depot (Serbia) among many others. In the U.S. there are several pharmacy grade Testosterone Enanthate products available. Watson has manufactured generic Testosterone Enanthate for a number of years. Paddock also manufactures a generic form, as does the Canadian company Sandoz under the name Delatestryl, which is commonly found in the U.S. While these are common U.S. based products you will rarely find them on the black market due to intensely strict U.S. control. As for black market suppliers, the supply of human grade Testosterone Enanthate is high, and there are plenty of underground lab versions. Human grade, however, should always be your first choice on the basis of quality. There are some fantastic underground labs out there, but those who offer fake products, under-dosed or contaminated heavily outnumber them. Before a purchase is made, heavy research of the supplier and brand in question is beyond important. Once the research is done, you will find you can buy Testosterone Enanthate at a very affordable rate. Even the best brands on earth should be fairly affordable. Buy Testosterone Enanthate Online – Warning: It is very easy to buy Testosterone Enanthate online; in fact, it's probably one of the easiest purchases you could ever make. Countless anabolic steroid users will buy Testosterone Enanthate online, online purchasing is more common than a face-to-face transaction. However, this type of purchase comes with warnings. There's always a chance of being ripped off. You pay your money and receive nothing in return. In some cases, you receive a shipment but your product is of a low grade form. This again makes researching your supplier and brand in question beyond important. While the above risks are a concern, when we buy Testosterone Enanthate online there is one risk that blows the others away. In the U.S. anabolic steroids are classified as Schedule III controlled substances. This control is a result of the Steroid Control Act of 1990, which would later be reinforced by the Steroid Control Act of 2004. In order to legally purchase and possess anabolic steroids in the U.S. you must have a prescription. Further, your prescription must be based on medical need that is deemed justified by the government. Those who are caught in violation of this legislation face the possibility of heavy fines and prison. If caught, the odds of no punishment are highly unlikely and in some cases steroid users are made examples of more harshly than recreational drug users. The steroid laws of the U.S. are some of the harshest the world over. There are countries that carry laws that are similarly strict but there are numerous that are far more lenient. However, even in a more lenient country, most will not tolerate an online purchase. You may be able to legally buy them from the pharmacy without a prescription but legal online transactions are not all that common. It is imperative you understand the law as it pertains to where you live before you buy Testosterone Enanthate or any anabolic steroid. Due to the steroid laws of the U.S. and other parts of the world, if you are looking for high quality anabolics you are encouraged to visit the sponsors here at Steroid.com. The sponsors here at Steroid.com can legally provide you high quality anabolics without a prescription. You will not risk your legal safety through these sponsors. Testosterone Enanthate Reviews: Testosterone Enanthate is a very simple anabolic steroid, but it's also one of the greatest anabolic steroids of all time. It is extremely powerful and carries a very high level of toleration among most adult men. As a therapeutic agent, the use of Testosterone Enanthate can radically transform your life. It is more than possible for a middle-aged man to feel like he's in his twenties again. Not only will his zest and zeal for life return, he will be healthier overall. In a performance capacity, while many will stack other anabolic steroids with their Testosterone Enanthate it can be used alone. This is a base foundational anabolic steroid that can promote radical changes in a physique all on its own. While it will take supraphysiological doses to obtain a true and notable transformation, thankfully the threshold for adverse effects remains very high. Equally important, while tremendously effective the price of this steroid is more than affordable giving it even more appeal than it already has. Regardless of your level of experience you cannot go wrong with Testosterone Enanthate. Testosterone Enanthate Profile: 17b-hydroxy-4-androsten-3-one Testosterone base + Enanthate ester Molecular Weight: 412.6112 Molecular Weight (base): 288.429 Molecular Weight (ester): 130.1864 Formula (base): $C_{19}H_{28}O_2$ Formula (ester):$C_7H_{12}O$ Melting Point (base): 155 Manufacturer: Various Effective Dose (Men): 200-1,000mg week Effective Dose (Women): Not recommended Active life: 8 days Detection Time: 3 months Anabolic/Androgenic ratio: 100/100. References Am J Physiol. 1998 Nov;275(5 Pt 1):E864-712 J Clin Endocrinol Metab. 1997 Feb;82(2):407-13 Am J Physiol Endocrinol Metab. 2002 Mar;282(3):E601-7. Curr Opin Clin Nutr Metab Care. 2004 May;7(3):271-7. Curr Pharm Biotechnol. 2004 Oct;5(5):459-70. 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