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May
2016

**HorsePrerace.com Offers
New Products in Stock!**

**Hexarelin 2mg (receptor)
\$29.95**

**Ketoprofen Injection 100mg/ml 50ml
\$49.95**

**Tesamorelin 2mg
\$29.95**

**Kynoselen
\$79.95**

If you have any questions or concerns please feel free to email us at
info@HorsePrerace.com.

***HorsePreRace.com is Your Shopping Source For:
Vitamins & Supplements for Race Horses, Dogs / Greyhounds,
Camels, Alpacas, & Racing Pigeons***

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**HorsePrerace.com is an international supplier of all your Racing Equine
Performance needs. HorsePrerace.com supplies...Horse Supplements, Horse
Vitamins, & Amino Acid Compounds to promote health & performance for
your Race Horse, Greyhound, Alpaca, Camel & Racing Pigeons.**

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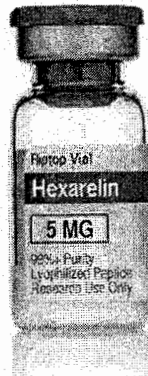
Home / Hexarelin 5mg

Purchase Peptides

ACE-031 1mg
ACTH 1-39 10mg
AICAR 50mg
Adipolide 10mg
AOD9604 5mg
BPC 157 5mg
CJC-1295 DAC 2mg
CJC-1295 DAC 5mg
Epithalon 20mg
Epithalon 50mg
Follistatin-315
Follistatin-344
Fragment 176-191 5mg
Fragment 176-191 10mg
GHK-Cu 50mg (Copper Peptide)
GHRP-2 5mg
GHRP-2 10mg
GHRP-6 5mg
GHRP-6 10mg
GHRH (GH-Releasing Hormone)
Gonadorelin 10mg
Hexarelin 2mg
Hexarelin 5mg
Ipamorelin 2mg
Ipamorelin 5mg
MGF (C-terminal) 2mg
MGF (C-terminal) 5mg
ModGRF 1-29 2mg (CJC-1295 No DAC)
ModGRF 1-29 5mg (CJC-1295 No DAC)
Oxytocin 10mg
PEG-MGF (Pegylated MGF)
Semorelin 2mg
Semorelin 5mg
TB-500 (Thymosin Beta-4) 2mg
TB-500 (Thymosin Beta-4) 10mg
Tesamorelin
Thymoain Alpha-1
Thymalin 20mg
Thymalin 50mg
Thyrotropin TRH 20mg
Thyrotropin TRH 50mg
Triptorelin

Peptide Blends

CJC1295, GHRP2 10mg Blend
CJC1295, Ipamorelin 10mg Blend



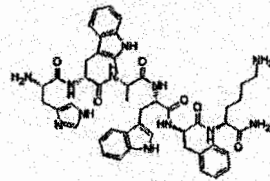
Double click on above image to view full picture

**MORE VIEWS**

Product Usage: THIS PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. The designation allows the use of research chemicals strictly for in vitro testing and laboratory experimentation only. All product information available on this website is for educational purposes only. Body introduction of any kind into humans or animals is strictly forbidden by law. This product should only be handled by licensed, qualified professionals. This product is not a drug, food, or cosmetic and may not be misbranded, misused or mislabeled as a drug, food or cosmetic.

Hexarelin

Hexarelin (Hexarelin Acetate) is a synthetic hexapeptide in the growth factor family which stimulates the release of growth hormone (GH) and does not interfere with the body's ability to produce its own GH. Structurally, Hexarelin (Hexarelin Acetate) is similar in structure to GHRP-6 but without the appetite increase because of its inability to drastically increase Ghrelin levels which is responsible for the increased appetite and quicker gastric emptying. Hexarelin is a synthetic growth hormone secretagogue made from six amino acids. It contains powerful growth hormone releasing properties in the human body. Hexarelin in studies over a certain period has shown that it reduces visceral fat. Hexarelin (Hexarelin Acetate) like other Growth Hormone Releasing Peptides is most effective synergistically when administered with GHRH such as Somatostatin or Modified GRF 1-29. The increase of circulating GH through Hexarelin use causes levels of Insulin-Like Growth Factor (IGF-1) to rise in the liver. IGF-1 is the prime cause of muscle growth in response to GH stimulation. Users of IGF-1 typically experience increased strength and muscle mass, as well as a very pronounced fat loss.

Hexarelin Acetate StructureSequence: His-D-2-methyl-Trp-Ala-Trp-D-Phe-Lys-NH₂Molecular formula: C₄₇H₅₈N₁₂O₆

Molar Mass: 887.04022

CAS number: 140703-51-1

PubChem: CID 5464109

Synonyms: Hexarelin Acetate, HEX, Examorelin

Hexarelin Acetate**The functionality of Hexarelin**

Hexarelin (Hexarelin Acetate) is chemically designed as L-Histidyl-2-methyl-D-tryptophyl-L-alanyl-L-tryptophyl-D-phenylalanyl-L-lysineamide. Hexarelin (Hexarelin Acetate) is a potent GHRP-6 analog, whose structure (His-D-2-methyl-Trp-Ala-Trp-D-Phe-Lys-NH₂) creates a greater stability than GHRP-6 due to a substituted (2 Me)Trp. Hexarelin has a half-life of about 70 min, longer than that of GHRP-6. Replacement of the naturally occurring L-amino acids for the D-configuration results in these longer half-lives.

Growth Hormone Secretion

Hexarelin has shown that it is highly stimulated at 30 minutes after being induced by rapid and sustained GH secretion. The pituitary gland produces GH in the brain, in children this hormone helps them to grow and in adults it helps to maintain muscle and burn fat. In one sixteen-week study, it has been shown that GH levels return to normal after stopping use after four weeks.

Hexarelin 5mg

Availability: In stock

Shipping: \$15 per order worldwide

* Includes 30ml. Bx. Water with purchases of \$200.00 or more.

\$34.50

Buy 5 for \$30.60 each and save 12%

Buy 10 for \$28.50 each and save 18%

Buy 20 for \$26.60 each and save 24%

Buy 50 for \$22.60 each and save 35%

Qty: 1

Add to Cart

[Click Here to Buy Hexarelin Acetate 2mg](#)

USA Home 80666 - Hexarelin

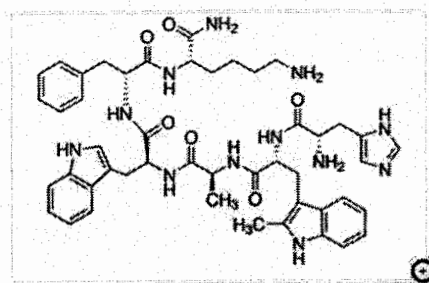
SIGMA-ALDRICH

80666 SIGMA

Hexarelin $\geq 90\%$ (HPLC)

Synonym: L-Histidyl-2-methyl-D-tryptophyl-L-alanyl-L-tryptophyl-D-phenylalanyl-L-lysineamide, Examorelin, HEX

SDS

CAS Number 140703-51-1 Empirical Formula (Hill Notation) $C_{47}H_{52}N_{12}O_6$ Molecular Weight 887.04**Properties**

Related Categories	A - H, Amino Acids, Biochemicals and Reagents, Modified Amino Acids
assay	$\geq 90\%$ (HPLC)
solubility	H ₂ O: soluble 1 mg/mL, clear, colorless
storage temp.	-20°C

Description**Packaging**

Bottomless glass bottle. Contents are inside inserted fused cone.

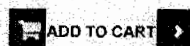
Biochem/physiol Actions

Hexarelin (HEX), a ghrelin analogue, is a growth hormone secretagogue receptor agonist, a growth hormone releasing peptide. Hexarelin may be used as an internal standard in quantitative analysis (via chromatography etc.) of prohibited growth hormone enhancing drugs such as GHRP-2. The potential use of Hexarelin as a therapeutic has prompted research studies on its physiological effects *in vitro* and *in vivo*.

Price and Availability

SKU-Pack Size	Availability	Price (USD)	Quantity
80666-50MG	Only 1 left in stock (more on the way) - FROM	611.00	<input type="text" value="0"/>

Bulk orders?

**Personalized Product Recommendations**

M2910
[D-Trp⁷, Ala⁸, D-Phe¹⁰]- α -Melanocyte
Stimulating Hormone Amide
Fragment 6-11
 $\geq 97\%$ (HPLC)

M8893
Melanotan II acetate salt
 $\geq 95\%$ (HPLC)

Tesamorelin

From Wikipedia, the free encyclopedia

Tesamorelin (INN) (trade name **Egrifta**) is a synthetic form of growth-hormone-releasing hormone (GHRH) which is used in the treatment of HIV-associated lipodystrophy. It is produced and developed by Theratechnologies, Inc. of Canada. The drug is a synthetic peptide consisting of all 44 amino acids of human GHRH with the addition of a *trans*-3-hexenoic acid group.^[2]

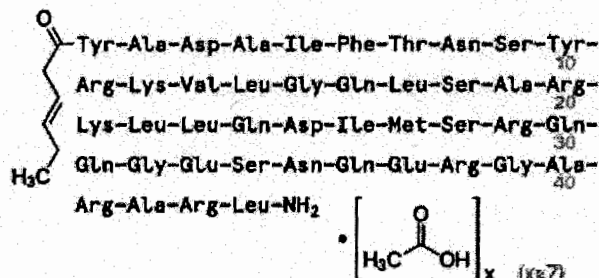
See also

- CJC-1295
- Modified GRF (1-29)
- Sermorelin

References

- "Egrifta (tesamorelin for injection) for Subcutaneous Use. U.S. Full

Tesamorelin



Clinical data

Trade names	Egrifta
AHFS/Drugs.com	Multum Consumer Information
MedlinePlus	a611035 (http://www.nlm.nih.gov/medlineplus/druginfo/meds/a611035.html)
Pregnancy category	US: X (Contraindicated)
Routes of administration	Subcutaneous injection

Legal status

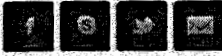
Legal status	US: R-only R (Prescription only)
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Pharmacokinetic data

Bioavailability	≤4% ^[1]
Metabolism	Proteolysis
Biological half-life	26–38 min
Excretion	Renal/proteolysis

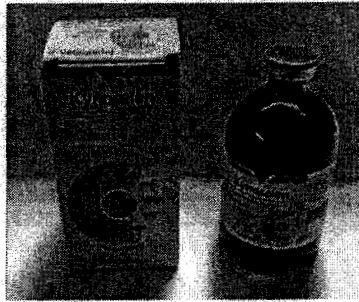
Identifiers

CAS Number	901758-09-6 (http://www.commonchemistry.org/ChemicalDetail.aspx?ref=901758-09-6) [✓]
ATC code	H01AC06 (WHO (http://www.whocc.no/atc_ddd_index/?code=H01AC06))
PubChem	CID 16137828 (https://pubchem.ncbi.nlm.nih.gov/summary/summary.cgi?cid=16137828)



ANABOLIC STEROIDS

- [Alphabol XR\(Methandrostenolone\) 30/25mg\(Alpha Pharma\)](#)
- [Alphabol\(Methandrostenolone\) 50/10mg\(Alpha Pharma\)](#)
- [Alphabolini\(Methenolone Enatala\) 3amp/1ml/100mg/ml\(Alpha Pharma\)](#)
- [Anabol Tablet\(Methandrostenolone\) 1000tabs/5mg \(British Dispensary Thailand\)](#)
- [Anadrol\(Oxymetholone\)100/50mg \(Lipthal\)](#)
- [Anadroxyl /Oxymetholone 50mg 50 tabs/ - Kalpa Pharmaceutical](#)
- [Anapolon-50\(Oxymetholone\) 20/50mg\(Abdi Ibrahim Turkey\)](#)
- [Anavar\(Oxandrolone\)100/10mg \(Lipthal\)](#)
- [Anavar\(Oxandrolone\)30/10mg \(Generics Pharm\)](#)
- [Anavarex\(Oxandrolone\)30tabs/5mg \(Scantel Pharma Poland\)](#)
- [Androne 250\(Testosterone Enanthate\)10 x 1 ml/250mg\(Caspian Tamin Pharmaceuticals Iran\)](#)
- [Aquates\(Testosterone suspension\)5 x 1ml/100mg \(Balkan Pharmaceuticals\)](#)
- [Boldaxyl 300 /Boldenone Undecylenate 300mg/1ml 10 ml/ - Kalpa Pharmaceuticals](#)
- [Boldobolin\(Boldenone undecylenate\) 250mg/ml\(Alpha Pharma\)](#)
- [Boldenon\(Boldenone undecylenate\) 10ml/1000mg \(Lipthal\)](#)
- [Boldenox\(Boldenone undecylenate\) 10ml/2000mg\(Fior Medico\)](#)
- [Boindex U250 Swiss Pharm - Boldenone Undecylenate 10ml 250mg/1ml](#)
- [CUTAXYL 150 /Drostanolone Propionate: Testosterone Propionate and Trenbolone Acetate/ 10ml - Kalpa Pharmaceuticals](#)
- [D-Anabol 10\(Methandrostenolone\) 100 tablets/10mg \(Optimum Pharma Turkey\)](#)
- [Danabol DS\(Methandrostenolone\) 500tabs/10mg\(Body Research Thailand\)](#)
- [Deca durabolin\(Deca durabolin\)10 x 1 ml/25mg/ml \(Iran Hormon\)](#)
- [Deca durabolin\(Generics Pharm\)](#)
- [Deca durabolin\(Nandrolone Decanoate\) 1ml/50mg\(Organon Greece\)](#)
- [Deca durabolin\(Nandrolone Decanoate\) 2ml\(200mg\(Generics Pharm\)](#)
- [Deca durabolin\(Nandrolone Decanoate\)5 x 2ml/200mg\(Organon Greece\)](#)
- [Decabol \(Nandrolone Decanoate 1 ml 200 mg 10 ampoules\) - NasPharma](#)
- [Decabolon 100\(Nandrolone Phenylpropionate\) 100mg/ml,10 ml Glass Vials\(Optimum Pharma Turkey\)](#)
- [Decabolon 400\(Nandrolone Decanoate 100 mg/ml Nandrolone Cypionate 100 mg/ml,Nandrolone Isocaproate 100 mg/ml,Nandrolone Undecanoate 100 mg/ml\) 400mg/ml,10 ml Glass Vials \(Optimum Pharma Turkey\)](#)
- [Decanox\(Nandrolone decanoate\) 10ml/2500mg\(Fior Medico\)](#)
- [Decatest 350\(Nandrolone Decanoate 150mg/ml, Testosterone Enanthate](#)



Kynoselen(Magnesium L-bi-aspartate,Potassium DL-aspartate,Sele 100ml(Vetoquinol France)

Item 12671

Kynoselen

The Muscular Stimulant, Tonic

And Restorative

Provides... cellular, muscular and metabolic stimulation.

Provides... cellular energy and helps with energy conversion.

Helps... regulate and protect cardio-vascular function.

Helps... treat and prevent myopathic diseases.

Price: \$ 110.00

Quantity:

Add to Bag



Kynoselen was one of those weird quasi-legal, grey market drugs that used in horse racin way into the anabolic arsenal of many athletes and bodybuilders. I will be frank and sa effects are generally more profound in those who are already reasonably lean and musc noticed, through my research, that the biggest mitigating factor in this stuff's use is th doing much (cosmetically) for those whose bodyfat is too far over 12%. Over 15% and I'd as to say kynoselen is a waste. Its fat burning properties are felt proportionately with how already are. It will help with vascularity if you're lean also. Women seem to be mu proponents of this stuff than men, generally, but that's probably because they tend to comparatively less gains than men, and thus are much more satisfied with a few lean po few solid strength increases. Again, on a lean 125lb female, 5lbs of lean mass noticeable much more so than on a male twice that size.

THE PRODUCT

Each 100ml contains:

AMP (ADENOSINE MONOPHOSPHATE)

200mg - this 'active' form of phosphorous stimulates energy transformation, provides an immediate source energy, and helps cardio-vascular regulation.

HEPTAMINOL 500mg - a psychostimulant and cardio-respiratory stimulant. Helps dilates coronary blood vess

VITAMIN B12 25mg - stimulates general metabolism and supplements when Vitamin B12 levels may be low.

SODIUM SELENITE 50mg (23mg elemental selenium) - selenium is a catalyst for energy and fat metabolis oxidant and regulator of metabolic oxidative processes, and an essential trace element.

MAGNESIUM ASPARTATE (1500mg)

POTASSIUM ASPARTATE (1000mg) - the aspartate salts stimulate the Krebs and urea cycles, assist glucos metabolism, help protect the heart when oxygen deficiency occurs during strenuous exercise, and help ir amplitude of its contractions.

INDICATIONS

KYNOSELEN is valuable whenever cardiac or skeletal muscles are compromised or damaged throug deficiencies, or over-exertion, and when a general restorative, stimulatory or 'tonic' effect is desired. Helpfu l is debility and loss of strength.

EXAMPLES

- * Myopathies and muscular degeneraton in all species.
- * 'White muscle' disease and other selenium deficiency myopathies.
- * Hypocalcaemic and hypomagnesaemic metabolic disease of cows.
- * Recumbent or 'downer' cows.
- * 'Tying-up' syndrome in horses.
- * After racing or strenuous exertion.
- * Cobalt and Vitamin B12 deficiencies.
- * Muscular weakness secondary to arthropathies in dogs and cats.
- * Cardiac disease or degeneration.
- * Muscular disorders in pigs.
- * General debility and weakness.
- * As a general stimulant or restorative of metabolic processes.
- * When cellular energy is depleted or the body needs a 'lift', KYNOSELEN helps heart and skeletal

200mg/ml) 350mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Dianabol(Methandrostenedione) 100/10mg(Lipha)
 Dianabolic(Metandienone enantate) 50mg/ml, 10ml(GEneral European Pharmaceuticals)
 Dianoxyl 10 /Methandienone 10mg 100 tabs/ - Kalpa Pharmaceutical
 Drostanolone Enanthate 10ml vial, 200mg/ml (Swiss Pharm)
 Drostanolone(Drostanolone) 100tabs/25mg (Biotech)
 Duranox(Nandrolone phenylpropionate) 10ml/1000mg(Flor Medico)
 Ecdysterone - VernoHerb 90 tabs, 250 mg
 Equibolon 200(Boldenone Undecylenate) 200 mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Equibolon 400(Boldenone Undecylenate 100 mg/ml, Boldenone Cypionate 100 mg/ml, Boldenone Isocaproate 100 mg/ml, Boldenone Decanoate 100 mg/ml)400 mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Equitest 350(Boldenone Undecylenate 150 mg/ml +Testosterone Enanthate 200mg/ml) 350 mg/ml, 10 ml Glass Vials (Optimum Pharma Turkey)
 Halotestin(Fluoxymesterone)50/5mg (Hubei Huangshi Nanshang)
 Haloxyl /Halotestin 10mg - 50 tabs/ - Kalpa Pharmaceutical
 Indulekt-250 10amp/250mg/ml (Testosterone Propionate 30 mg/ml, Testosterone Phenylpropionate 60 mg/ml, Testosterone Isocaproate 60mg/ml, Testosterone Decanoate) 10amp/1ml/250mg/ml(Alpha Pharma)
 Kynoselen(Magnesium L-bi-aspartate, Potassium DL-aspartate, Selenium)100ml (Vetoquinol France)
 Mastaplex 200(Axio Labs)
 Mastabolin(Drostanolone propionate) 10amp/100mg/ml(Alpha Pharma)
 Masteranox(Drostanolone dipropionate) 10ml/1000mg(Flor Medico)
 Masterelon 100(Drostanolone Propionate) 100mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Masterelon 200(Drostanolone Enanthate) 200mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Masterolic(Drostanolone Propionate) 100mg/ml, 10 ml(GEneral European Pharmaceuticals)
 Masteron(Drostanolone dipropionate) 2ml/200mg(Generics Pharm)
 Mastoral(Methyl Drostanolone) (Superdrol) 50/10mg(Alpha Pharma)
 Megabol 200(Trenbolone Enanthate 100mg/ml + Stanozolol Cypionate 100mg/ml)200mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Megabol 225(Stanozolol Cypionate 100 mg/ml, Drostanolone Enanthate) 125mg/ml 225mg/ml, 10 ml Glass Vials(Optimum Pharma Turkey)
 Megabol 250(Boldenone Undecylenate 100mg/ml, Drostanolone Enanthate 100mg/ml, 1-Testosterone Cypionate/Dihydroboldenone 50mg/ml)250mg/ml, 10 ml Glass Vials (Optimum Pharma Turkey)
 Megabol 275(Trenbolone Enanthate 100mg/ml, Drostanolone Enanthate 100mg/ml, Stanozolol Cypionate 75mg/ml)275mg/ml, 10 ml Glass Vials (Optimum Pharma Turkey)

compensate*.

DOSAGE

Administration may be by subcutaneous, intramuscular, or slow intravenous injection. Only subcutaneous recommended for dogs and cats.

Administer in the anterior half of the neck in food producing animals.

The recommended dosage and frequency of administration is correlated to the selenium content of KYNOSEL

Recommended dosages:

Horses and Cattle:

20ml/400kg (0.25ml/kg)

Foals and Calves:

10ml/100kg (0.1ml/kg)

Sheep:

Up to 5ml (0.2ml/kg)

Lambs:

Up to 2ml (0.2ml/kg)

Adult Pigs:

Up to 10ml/100kg (0.1ml/kg)

Piglets:

Up to 1ml/5kg (0.2ml/kg)

Dogs:

Approximately 2ml-5ml (0.1ml/kg)

Cats:

Approximately 1ml (0.2ml/kg)

When used as a treatment, it is recommended to give one injection every 3 days on 3 to 4 occasions.

When used for preventative purposes, one injection may be given once weekly for 2-4 weeks.

WITHOLDING TIMES

It is advised to withhold from racehorses at least 24 hours before racing.

TOXICITY

By the intravenous route, the LD50 in mice is 8.5ml/kg.

No adverse affects have been reported at recommended dose rates.

Licensed under the Animals Remedies Act 1967, No. 4234.

Prescription Animal Remedy (P.A.R) Class 1, for use only following a veterinary consultation.



Let's unpack a bottle of Kynoselen and see what's in it.

Megabol 300(Trenbolone Enanthate 100mg/ml, Drostanolone Enanthate 100mg/ml,Testosterone Enanthate 100mg/ml)200mg/ml, 10 ml Glass Vials (Optimum Pharma Turkey)
 Metanabol-10mg Methandienone 50 tabs - NasPharma
 Metandienone(Methandrostenolone) 100tabs/5mg(Akrihin Russia)
 Metesto(Methyltestosterone) 100tabs/25m(Liphal)
 Methandienone (Methandrostenolone)100/10mg (Estopharma)
 Methandienone (Methandrostenolone)100tabs/10mg (Biotech)
 Methandiox(Methandrostenolone) 30tabs/5mg(Scantel Pharma Poland)
 Methenolone(Methenolone acetate) 50tabs/10mg (Biotech)
 Methyltestosterone (Methyltestosterone)100tabs/10mg (Biotech)
 Nandro(Nandrolone Propionate) 100mg/ml(Alpha Pharma)
 Nandrolol(Nandrolone Decanoate) 10ml/200mg/ml (Liphal)
 Nandrololn-250(Nandrolone Decanoate) 250mg/ml (Alpha Pharma)
 Nandrolone-D(Nandrolone Decanoate)5 x 1ml/200mg (Balkan Pharmaceuticals)
 Nandrolone Decanoate 10ml vial, 250mg/ml (Swiss Pharm)
 NandroRapid(Nandrolone Phenylpropionate) 100mg/ml(Alpha Pharma)
 Nandroxyl 250 (Nandrolone Decanoate 250mg/ml-10ml/ - Kalpa Pharmaceuticals)
 Naposim(Methandrostenolone) 20tabs/5mg(Terapia Romania/Ranbaxy)
 Nebido(Testosterone undecanoate) 4ml/1000mg(Bayer Schering)
 Norma Hellen(Nandrolone Decanoate)2 ml 100mg/ml (Norma Greece)
 Omnadren(Testosterone Propionate 30 mg/ml,Testosterone Phenylpropionate 60 mg/ml,Testosterone Isocaproate 60mg/ml,Testosterone Decanoate)5 x 1ml/250mg(Jelita Poland)
 Oxanabol(Oxandrolone)50/10mg (Alpha Pharma)
 Oxandrolol(Oxandrolone) 96 tabs - 2 blisters per 48 tabs/10mg(GEneRal European Pharmaceuticals)
 Oxandrolone 10 (Anavar) 100 tablets/10mg(Optimum Pharma Turkey)
 Oxandrolone(Oxandrolone)30 tabs/2.5 mg(SPA Italy)
 Oxandrolone(Oxandrolone) 100/10mg(Estopharma)
 Oxandrolone(Oxandrolone) 100tabs/10mg (Biotech)
 Oxandroxyl 100 Tabs - Kalpa Pharmaceutical
 Oxymolone (Oxymetholone) 50/50mg(Alpha Pharma)
 Oxymetholol(Oxymetholone)96 tabs - 2 blisters per 48 tabs/50mg(GEneRal European Pharmaceuticals)
 Oxymetholone IH 50(Anapolon) 100/50mg(Iran Hormon)
 Oxymetholone(Oxymetholone) 100tabs/25mg (Biotech)
 Parabolan NEO(Trenbolone Hexahydrobenzylcarbonate) 2ml/100mg(Generics Pharm)
 Parabolan(Trenbolone Acetate) 50/10mg(Hubei Huangshi Nanshang)
 Parabolan(Trenbolone Base) 2ml/100mg(Generics Pharm)

• AMP (adenosine monophosphate) is what I'd consider to be the primary active ingr Kynoselen. This is a source of phosphorous. It combines with 2 phosphate atoms to bec (adenosine triphosphate), which provides an immediate source of cellular energy. A lipolysis (1), or fat-burning, and its probably the inclusion of this ingredient that makes Ky effects in this area the most profound. It also has the ability to convert to ATP, or aden phosphate. ATP is the primary carrier of energy within cells, and most cells die quick absence of it. ATP in turn powers muscles. This is probably why users of Kynoselen increase in "energy levels."

• Magnesium aspartate has a major role in muscle contraction (5)(6), and this is why it demand with many strength athletes. When Dan Duchaine made his supplement recomm nearly a decade ago in Muscle Media, this was on the list. Magnesium also activates necessary for the metabolism of carbohydrates and amino acids, which leads to protein syr

• Heptaminol is also included in this preparation. It aids in dilation of coronary blood ve could thereby act as a sort of transport aid for oxygenated blood (4). I'm sure this is part given to race horses as a kind of "wellness tonic."

• Cyanocobalamin (vitamin b-12) has been included in Kynoselen, and bodybuilders : athletes have known about this substance's role in increasing energy and appetite stim deficiency in this vitamin leads to anemia, so it's always a good idea to include it in your injectable version is also very popular.

• Selenium is an anti-oxidant, and has been used as a protective agent in spinal cord i would imagine that keeping racehorses free from injury would be very important to thei hence its inclusion in this preparation.

• Potassium aspartate: Mainly, we know that potassium keeps you from cramping, and again, since we are a compound given to racehorses, it's logical to assume that a smart breeder/owner would like to prevent his cramping when millions of dollars are on the line in a race. Potassium also assists in many cardiac functio probably act synergistically with magnesium to aid in muscle contractions (7). Looking over the ingredients of Kynoselen, it's easy to see why it's used for horse racing, and I think its ir athletics is pretty obvious. Sprinters and strength athletes would greatly benefit from its various energy substrates, as well as the ingredients added to increase contractile strength in skeletal muscle. I have heard a pretty decent increases in strength from the sole use of this compound, and certainly it has found its way powerlifters' cycles.

For bodybuilders, its benefits are pretty different. It seems to be most widely used for PCT, when it can conjunction with our SERMs and AI's to hold onto gains by increasing our ability to continue using the weig us to the size we were while on anabolics.

Kynoselen comes as a 100ml multi-use vial. Typically, athletes and bodybuilders pay \$50-\$75 for it, and injec 1-3mls per day. The only complaint I've heard about it is that it's painful to inject it, so I would recommend injec an equal amount of b-12.

References:

1. Extracellular cyclic AMP-adenosine pathway in isolated adipocytes and adipose tissue. *Obes Res.* 2 (6):874-81.
2. Effect of prolonged anerobiosis on 125I-insulin binding to rat soleus muscle: permissive effect of ATP. *Am Gastrointest Liver Physiol.* Dec 1978; 235: 606 - 613.
3. Decreased fatty acid synthesis due to mitochondrial uncoupling in adipose tissue. *FASEB J.* 2000 Sep;14: 800.
4. [Heptaminol hydrochloride as an epithelium transporter] *Can J Physiol Pharmacol.* 1990 Jul;68(7):791-9. Fr
5. CaATP as a substrate to investigate the myosin lever arm hypothesis of force generation. *Biophys J.* 2 (3):1474-81.
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