

IRON MAN Research Team

IRON MAN MAGAZINE



Bodybuilding's Strongest Fat Burner?

Methyl Ripped's Unique Compounds Can Get You Shredded

by the Editors

The release of the new fat burner Methyl Ripped has stirred up quite a bit of excitement among bodybuilders and trainers. That's probably because its highly potent fat-burning formula is engineered to work in the same way that many of the popular (yet illegal) bodybuilding fat-loss drugs are known to work. As a matter of fact, the scientists behind the Methyl Ripped formula studied the mechanisms of fat-loss drugs—such as clenbuterol, T3 (thyroid hormone) and DNP (2,4-dinitrophenol)—before formulating this cutting-edge product. Methyl Ripped has only been on the market a short while, but it's become a favorite of bodybuilders across the country just about as quickly as it incinerates fat. Many are saying that it's bodybuilding's strongest fat burner.

Eight New Fat-Loss Ingredients Never Before Seen in Bodybuilding

The Methyl Ripped formula isn't like anything else available on the market today. To begin with, it contains eight new compounds never before seen in the bodybuilding industry: di-caffeine alpha-ketoglutarate, di-caffeine malate, *Salix matsudana*, isohumulones, S-allyl-L-cysteine, esterified green tea extract, amentoflavone-7,4',4'''-trimethyl ether, and 4-(4-hydroxyphenyl) butan-2-one (raspberry ketone). With the results of several clinical trials and piles of research-based literature, there appears to be overwhelming scientific support for including these compounds in the ultimate fat-burning formula.^{1,2,3,4,5,6,7,8,9,10,11}

Take for example 4-(4-hydroxyphenyl) butan-2-one. In a clinical trial published in the prestigious journal *Life Science*, it significantly increased norepinephrine-induced lipolysis associated with the translocation of hormone-sensitive lipase from the cytosol to lipid droplets in fat cells.¹² Understanding the physiological mechanism can be a bit confusing. What's important to know is that it's a critical step in

the fat-burning process and is completely different and independent from other compounds that only directly stimulate beta-adrenergic receptors.

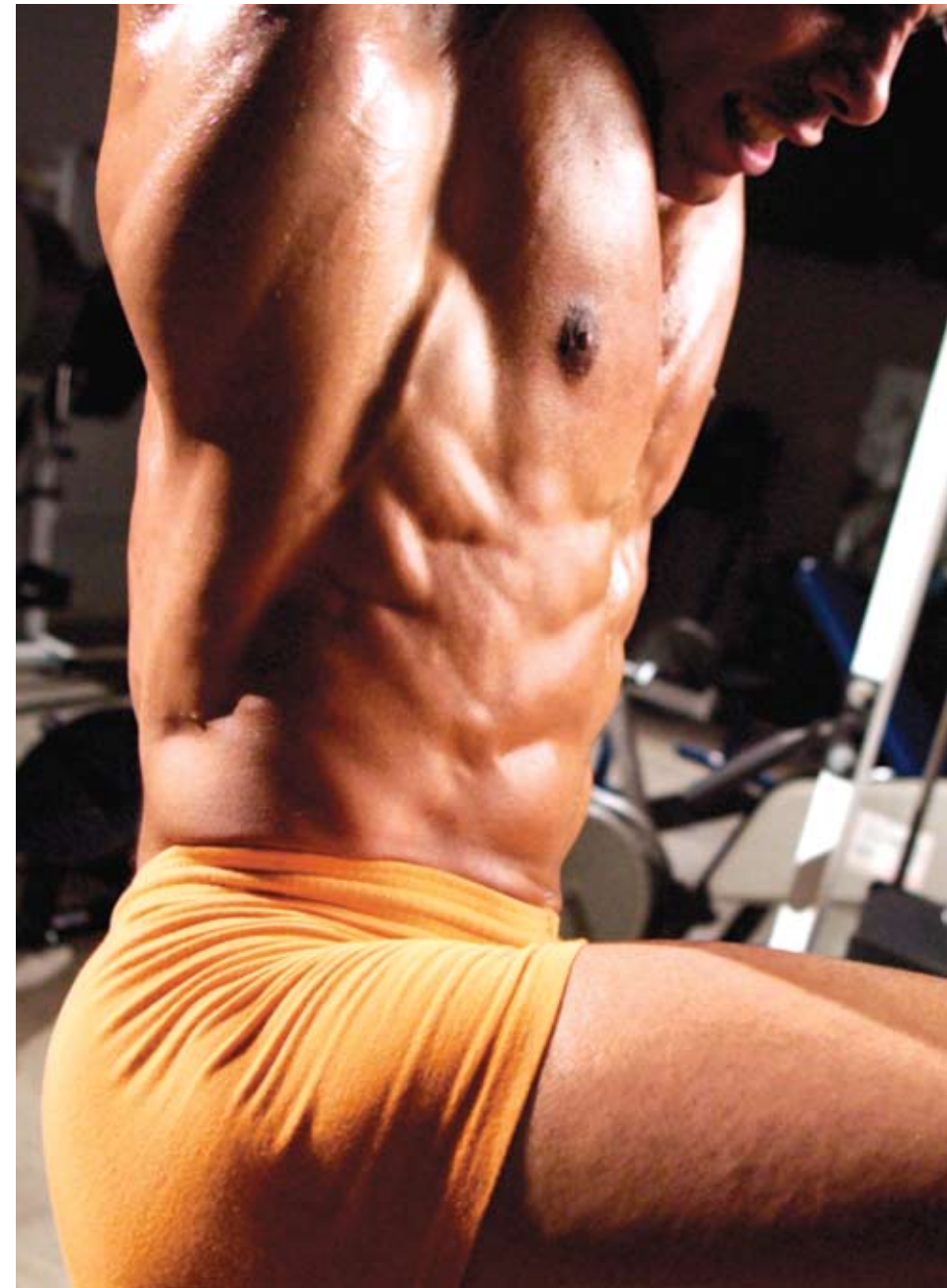
Seven Exclusive Complexes to Enhance Fat Burning

The blood and guts of the Methyl Ripped formula is a complex called Clenadrine, and it's designed to work the way clenbuterol and ephedrine work. The compounds found in this one-of-a-kind complex have been scientifically shown to stimulate the release of noradrenaline.^{13,14,15,16} The noradrenaline then

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binds to beta-adrenergic receptor sites on the surface of fat cells, which results in a cascade of events that increases fat burning. Still, here's much more to the Methyl Ripped formula than noradrenaline stimulation because, just like clenbuterol, Methyl Ripped also has anticatabolic properties.

CC-Vol, another complex found in Methyl Ripped, contains compounds known to decrease cortisol production, and we all know how cortisol damages muscle.^{17,18,19,20,21} It's critical to bodybuilders because the biggest downfall of dieting is muscle loss. Bodybuilding is about building muscle and losing fat—not losing muscle!



Yet another complex in the Methyl Ripped formula, Betadrol, was included to overcome the shortcoming of clenbuterol, which is beta-receptor downgraded. If the beta-receptors are overstimulated, receptor downgrade can occur (as it does with clenbuterol use). The Betadrol complex in Methyl Ripped, however, is designed to support receptor regeneration to help overcome the problem, allowing your fat-burning signal to be received and processed until you're shredded to the bone.

Bodybuilding's strongest fat burner also includes the Cytot3 complex, which is designed to stimulate thyroid hormone production. For years scientists have touted that as a key mechanism in increasing metabo-

lism and losing fat.^{22,23,24,25,26}

Methyl Ripped's DNP-X complex is designed to work in the same way as DNP, which has an uncoupling effect on oxidative phosphorylation in your cells' mitochondria, thus allowing energy to be dissipated as heat (i.e., increased thermogenesis). The major problem with DNP, however, is that it has no negative-feedback mechanism, which is why so many people overdosed on it. Obviously, that's not a good thing, as bodybuilders' core temperatures became dangerously high. One of



the compounds found in the DNP-X complex, S-allyl-L-cysteine, has been shown in clinical trials to help increase uncoupling protein content in fat tissue as well as to increase noradrenaline release, but without the

negative side effects of unregulated DNP use.²⁷

The cyclo-AMP complex included in the Methyl Ripped formula increases cyclic adenosine monophosphate (cAMP) to further enhance the fat-burning process.^{28,29,30} Cyclic AMP is a second messenger used for intracellular signal trans-

duction, such as transferring the effects of hormones like adrenaline. Basically, cAMP is the messenger system used for fat burning in the body. By increasing cAMP, you can increase fat burning. Not only does Methyl Ripped increase cAMP, but it also inhibits phosphodiesterase, which is the enzyme that breaks down cAMP. When the enzyme is inhibited, the life of cAMP is extended and fat burning is enhanced.

Rapid Gels—Methyl Ripped's Fast-Acting Delivery Technology

The new fat burner's advanced formula is delivered in the form of Rapid Gels, which are specially designed to release the active ingredients into your system as fast as possible. In fact, Rapid Gels release up to 200 percent faster than many traditional gelatin-based capsules

that are often referred to as liquid caps. Within minutes after a serving of Methyl Ripped is taken, the active fat-fighting compounds are going to work. Not only do Rapid Gels expedite the absorption of all ingredients, but this one-of-a-kind technology is also intended to enhance the overall bioavailability of ingredients.

So is Methyl Ripped bodybuilding's strongest fat burner? It was developed by the Nx-Care Research Team, the very same experts who created the extremely popular cell volumizer Anavol,



along with numerous other leading supplements that bodybuilders worldwide have come to rely on. The only real way to determine Methyl Ripped's fat-burning power is to try it. And we've made it easier than ever. You can get two bottles for only \$79.95 (plus shipping), a savings of \$40 off the retail price of \$59.95 per bottle. Plus, we'll throw in the book *Fat to Muscle 2*, a \$14.95 value! Call Home Gym Warehouse at **(800) 447-0008** and

ask for the **Methyl Ripped Special**, and start getting shredded for summer. For more information on Methyl Ripped and NxCare, log on to www.NxCare.com. **IM**

References

¹ Dulloo, A.G., et al. (1999). Efficacy of a green tea extract rich in catechin polyphenols and caffeine in increasing 24-h energy expenditure and fat oxidation in humans. *Am J Clin Nutr.* 70(6):1040-5.

² Nagao, T., et al. (2005). Ingestion of a tea rich in catechins leads to a reduction in body fat and malondialdehyde-modified LDL in men. *Am J Clin Nutr.* 81(1):122-9.

³ Arciero, P.J., et al. (1995). Effects of caffeine ingestion on NE kinetics, fat oxidation, and energy expenditure in younger and older men. *Am J Physiol.* 268(6):E1192-8.

⁴ Dulloo, A.G., et al. (1989). Normal caffeine consumption: influence on thermogenesis and daily energy expenditure in lean and postobese human volunteers. *Am J Clin Nutr.* 49(1):44-50.

⁵ Han, L., et al. (2003). Anti-obesity action of *Salix Matsudana* leaves (part 1). Anti-obesity action by polyphenols of *Salix matsudana* in high-fat-diet treated rodent animals. *Phytotherapy Research.* 17:1188-1194

⁶ Han, L., et al. (2003). Anti-obesity action of *Salix matsudana* leaves (part 2). Isolation of anti-obesity effectors from polyphenol fractions of *Salix matsudana*. *Phytotherapy Research.* 17:1195-1198

⁷ Morimoto, C., et al. (2005). Anti-obese action of raspberry ketone. *Life Science.* 77:194-204

⁸ Yajima, H., et al. (2005). Prevention of diet-induced obesity by dietary isomerized hop extract containing isohumulones, in rodents. *Int J Obes Relat Metab Disord.* 29(8):991-7

⁹ Oi, Y., et al. (1999). Allyl-containing sulfides in garlic increase uncoupling protein content in brown adipose tissue and noradrenaline and adrenaline secretion in rats. *J Nutr.* 129(2):336-42.

¹⁰ Beretz, A., et al. (1986). Inhibition of human platelet cyclic AMP phosphodiesterase and of platelet aggregation by a hemisynthetic flavonoid, amentoflavone hexaacetate. *Biochem Pharmacol.* 35(2):257-62.

¹¹ Saponara, R., et al. (1998). Inhibition of cAMP-phosphodiesterase by biflavones of *Ginkgo biloba* in rat adipose tissue. *J Nat Prod.* 61(11):1386-7.

¹² Morimoto, C., et al. (2005). Anti-obese action of raspberry ketone. *Life Science.* 77:194-204

¹³ Davis, J.M., et al. (2003). *Am J Physiol Regul Integr Comp Physiol.* 284(2):R399-404.

¹⁴ Han, L., et al. (2003). Anti-obesity action of *Salix Matsudana* leaves (part 1). Anti-obesity action by polyphenols of *Salix matsudana* in high-fat-diet treated rodent animals. *Phytotherapy Research.* 17:1188-1194.

¹⁵ Han, L., et al. (2003). Anti-obesity action of *Salix matsudana* leaves (part 2). Isolation of anti-obesity effectors from polyphenol fractions of *Salix matsudana*. *Phytotherapy Research.* 17:1195-1198.

¹⁶ Pelletier, C., et al. (2005). Effects of encapsulated green tea extract and caffeine on 24h energy expenditure and fat oxidation in men. *Br J Nutr.* 94(3):432-6.

¹⁷ Bouic, P.J., et al. (1999). Plant sterols and sterolins: a review of their immune-modulating properties. *Altern Med Rev.* 4(3):170-7.

¹⁸ Monteleone, P., et al. (1992). Blunting by chronic phosphatidylserine administration of the stress-induced activation of the hypothalamo-pituitary-adrenal axis in healthy men. *Eur J Clin Pharmacol.* 42(4):385-8.

¹⁹ Archana, R., et al. (1999). Antistressor effect of *Withania somnifera*. *J Ethnopharmacol.* 64:91-3.

²⁰ Mishra, L.C., et al. (2000). Scientific basis for the therapeutic use of *Withania somnifera* (ashwagandha): a review. *Altern Med Rev.* 5(4):334-46.

²¹ Monteleone, P., et al. (1990). Effects of phosphatidylserine on the neuroendocrine response to physical stress in humans. *Neuroendocrinology.* 52(3):243-8.

²² Bobyleva, V., et al. (1997). The effects of the ergosteroid 7-oxo-dehydroepiandrosterone on mitochondrial membrane potential: possible relationship to thermogenesis. *Arch Biochem Biophys.* 341(1):122-8.

²³ Marwah, P., et al. (2001). Ergosteroids IV: synthesis and biological activity of steroid glucuronosides, ethers, and alkylcarbonates. *Steroids.* 66(7):581-95.

²⁴ Kar, A., et al. (2002). Relative efficacy of three medicinal plant extracts in the alteration of thyroid hormone concentrations in male mice. *J Ethnopharmacol.* 81:281-285.

²⁵ Panda, S., et al. (1999). Guggulu (*Commiphora mukul*) induces triiodothyronine production: possible involvement of lipid peroxidation. *Life Sci.* 65(12):PL137-41.

²⁶ Tripathi, Y.B., et al. (1988). Thyroid stimulatory action of (Z)-gugulsterone: mechanism of action. *Planta Med.* 54:271-7.

²⁷ Oi, Y., et al. (1999). Allyl-containing sulfides in garlic increase uncoupling protein content in brown adipose tissue and noradrenaline and adrenaline secretion in rats. *J Nutr.* 129(2):336-42.

²⁸ Beretz, A., et al. (1986). Inhibition of human platelet cyclic AMP phosphodiesterase and of platelet aggregation by a hemisynthetic flavonoid, amentoflavone hexaacetate. *Biochem Pharmacol.* 35(2):257-62.

²⁹ Georgieva, Z.H., et al. (1989). [Study of the effect of sclareol glycol diterpene on the 3',5'-AMP level] [Article in Bulgarian]. *Eksp Med Morfol.* 1989;28(3):1-7.

³⁰ Insel, P.A., et al. (2003). Forskolin as a tool for examining adenylyl cyclase expression, regulation, and G protein signaling. *Cell Mol Neurobiol.* 23(3):305-14.

Are You Ready to **FREAK OUT?!**

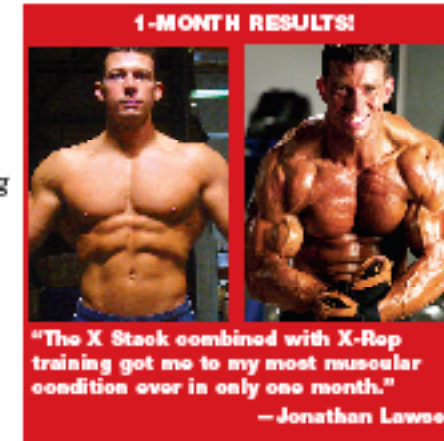
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It's the precise scientific combination your muscles need to grow **larger, freakier and stronger after every workout.** Plus, it spikes insulin, the hormone that sends those key nutrients rocketing to your muscles at that critical grow time. (If you don't use this amazing combo, it's like wasting half your workouts!)

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you can feel it working). You train hard; you deserve to freak out!

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