



LIQUITAN

MELANOTAN I & II

Melanin is a naturally producing hormone that controls the pigment in our skin. Simply, the more melanin the darker the pigment and therefore the darker colour of your skin.

Melanotan is a peptide that stimulates the natural production of melanin. This peptide is created and circulated within the skin and when exposed to UV Rays causes the skin to become darker.

Melanotan I and II is a synthetic analogue of this peptide that is designed to tan and darken the skin.

DIFFERENCE BETWEEN MELANOTAN I & II

In simple terms, Melanotan II offers more density in its peptide chain, meaning it is a more potent peptide than its relative and it works out to be a more affordable option hence why it is a more popular peptide.

Melanotan II also contains Metabolite Bremelanotide a very powerful substance which in males enhances libido, sexual performance and its one of the most effective cures in erectile dysfunction and sexual desire. It also serves as an appetite suppressant and so it has been widely used as a weight loss formula.

Melanotan I is a less potent peptide and it requires a lot more time for the effects of it to be visible. It is on the other hand regarded as a more safer option with a fewer side effects.

“A course of Melanotan will help achieve a deep gorgeous long lasting tan in rapid time. This revolutionary process stimulates the natural tanning process delivering an all over tan that will be the envy of others”

STORAGE

Both Melanotan I and II come as white freeze dried lyophilised powder contained in a sealed multi-use vial. They are transported and sold in 10 milligram size. The reason for this is that lower doses ensure freshness and reduces the amount of travel time as well.

As our Melanotan is freeze dried it is in its most stable and durable form. Studies have shown that the peptide can survive temperatures about 37 degrees for a month or more without losing any potency or effectiveness, so the few days out of the refrigerator during transit is not to worry. It is advised that when it is received it should be put in the freezer or fridge until ready to be mixed. Once you mix your Melanotan it is necessary for it to be stored in the refrigerator, as once reconstituted if left out at room temperature or warmer, the chemical will remain fit for use for no more than 48 hours. When your mixed Melanotan is stored in the refrigerator it only has a shelf life of 8 weeks before the potency starts to deteriorate so it is recommended to mix just before you are ready to use..

Many Internet suppliers will sell pre-mixed Melanotan however most of the time pre-mixed vials are not legitimate and you run the risk of infection or a compound that has lost a great deal of potency. All peptides should be delivered in lyophilized form. Lyophilized form is the most stable and durable form.

- Unmixed vials will last months stored in the refrigerator or freezer.
- Mixed Melanotan needs to be always stored in the refrigerator and has a shelf life of 8 weeks.
- Never freeze mixed peptides.
- You should store any unopened sterile injectable water in the refrigerator. Opened sterile injectable water can not be used multiple times and should be disposed of after first use.
- Bacteriostatic Water can also be used for reconstituting your Melanotan.
- Vials SHOULD NOT be deliberately shaken.

DOSAGE INFORMATION

MELANOTAN 1

Melanotan 1 has a half life of ~1 hour, this means to get the most out of it you should inject twice daily, once in the morning and then again midday or before UV exposure. It is also better to dose every single day - this adds up to a lot of injections.

Recommend dosages starting from 1mg (500mcg twice daily) for Melanotan 1 due to the lower side effects associated with it. After 2-4 days increase to 1.5mg (750mcg twice daily) and stick at this point. If you wish to increase the dose further, do it slowly.

MELANOTAN 2

Melanotan 2 has a life of 36 hours in your body, this allows you to be very flexible with dosing.

Recommended dosages start at 250mcg every day to help your body acclimatize to the peptide and minimize the side effects. You can continue with this dose indefinitely if you are intending to do a low dosage regimen.

If you want to dose higher, after 2-4 days, whenever you feel comfortable, up the dose to 500mcg. 500mcg is the most common dosage amount administered by users. You can increase the dose as far as about 1mg but any higher is generally not advised and the users dosing 1mg/dose normally weigh around the 100kg mark.

LOADING DOSE (Melanotan 2)

The below dosing plan is based on the vial being reconstituted with 2ml of water.

Day 1-10: 1mg/Day –

Pull the syringe up to halfway between the bottom and the 20 mark

Inject just before going to sleep to let the peptides work overnight. Any problems that may arise will do so overnight, thus upon waking the user will know how their body will react. Ideally, the user should not feel anything.

An antihistamine can also be taken 1-2 hours before injection to ward off any potential side effects.

Day 10 Onwards: 0.5mg/Day

–Pull the syringe up to the 10 mark

Until you have your Desired Tan Depth

Dose the advised units as per your weight and results per day up to a maximum of 1mg/day.

“Clinical studies have shown that Melanotan works without the need to combine it with any UV exposure, although results are achieved much faster when you incorporate 1-2 tanning sessions either the natural sun or ultraviolet with your Melanotan dosage. The reason for this is while Melanotan significantly raises your levels of melanin, which is the brown pigment that gives your skin its tanned appearance, UV rays are an important factor in discharging your body’s melanin to the surrounding skin tissue.”

MAINTENANCE DOSE (Melanotan 2)

Once you have reached your desired level of tan then you can enter what is known as the 'maintenance phase'. Maintenance dosing requires much less frequent dosage than once a day. Although levels are different for everyone on average 500mcg every 3 to 4 days or 1mg a week with a small amount of UV exposure will maintain your tan. This is maintenance dose, as the name implies, to maintain the established colour without darkening the skin further.

The maintenance dose can be continued indefinitely; however, if chosen to cease dosing for an extended amount of time the user’s sensitivity to the peptide will return, making it easy to reduce pigmentation and then rebuild the tan to the desired level.

ADMINISTRATION & INJECTION (Part 1)

EQUIPMENT

- **Insulin Syringe**

Typically, insulin needles are to be used to inject or mix the peptide. These needles are 29 to 30 gauge by 1/2" with a 1 CC (100 units) capacity. It's possible to use larger syringes, however getting precise measurements can be difficult.

If you wish to use doses of less than 500mcg it would be best to use 2ml (200 units) of water.

If you wish to use doses of 500mcg or more then you can use 1ml (100 units). This allows you to accurately measure doses while not having to inject more fluid than required.

Volume of insulin syringes is measured in IU (International Units)

100 IU = 1 ML

10 IU = 0.1 ML

If you reconstituted with 1ml of water every unit is 100mcg of Melanotan.

If you want to dose 500mcg, you need 5 units.

If you want to dose 1000mcg, you need 10 units.

If you reconstituted with 2ml of water every unit is 50mcg of Melanotan.

If you want to dose 100mcg, you need 2 units.

If you want to dose 250mcg, you need 5 units.

If you want to dose 500mcg, you need 10 units.

DO NOT REUSE DISPOSABLE SYRINGES, doing so is dangerous and can have serious health consequences (ie: bacterial infection and abscess formation).

DO NOT SHARE SYRINGES, doing so is dangerous and will lead to the spread of infections (ie: blood borne viruses) found in any one of the individuals sharing a needle (ie: HIV-AIDS, Hepatitis C, etc.).

- **Sterile Water**

Opened sterile injectable water should be disposed of after first use.

NEVER USE TAP WATER AS IT IS UNSAFE AND WILL LEAD TO BACTERIAL INFECTIONS OR OTHER COMPLICATIONS ARISING FROM OTHER CONTAMINANTS. Use only in date **MEDICAL GRADE** water sold specifically for injection purposes.

- **Alcohol Swab**

Always make sure you wipe the rubber stopper before inserting the needle and your skin at the injection site prior to injection.

ALWAYS MAKE SURE YOUR HANDS ARE CLEAN TO PREVENT THE RISK OF INFECTION

HOW MUCH DO I NEED?

How many uses you will get out of a vial all depends on what dose you are taking, but as a rough guideline each vial contains 10mg's of Melanotan with most people (especially females) dosing 0.5mg to 1mg so you will roughly get 20-10 uses out of a vial.

Depending upon your natural skin tone and how much sun exposure you are getting 1-2 vials is usually enough for your loading phase and to start developing your tan. If you are lighter complexion you may need up to 3 vials (3 months' worth) for your loading phase. Once you have reached your desired colour you then move on to the maintenance phase which you do not dose as regularly and the vial lasts you a lot longer.

Always start your dosage at 0.25mg and slowly as your body becomes accustomed to the peptide you can increase your dosage. This is usually after 2-3 days of use.

Our recommended dosage for your loading phase to 0.5mg daily to avoid experiencing side effects. Males can dose up to 1mg a day but it is best to find the amount that works best for you.

From personal experience when over 0.5mg was taken side effects were experienced such as freckles appearing which at a lower dosage did not experience. When you experience any side effects from your dosage it is recommended to lower the amount.

WE DO NOT RECOMMEND YOU DOSE OVER 1MG A DAY

ADMINISTRATION & INJECTION (Part 2)

STEP 1 - MIXING THE SOLUTION

Take your Melanotan vial and pop off the top of the vial to reveal the rubber stopper. Wipe with the swab.

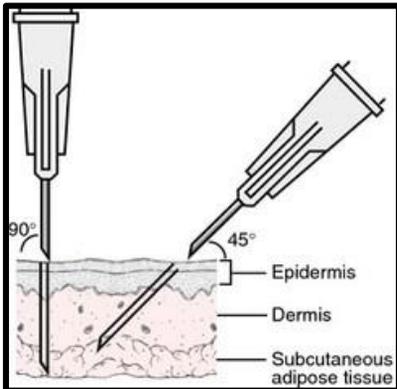
If using sterile injectable water or sodium chloride, twist off the top of the ampule

Next insert a syringe into the vial/ampule and hold it upside down.

Withdraw your water and inject it slowly into the Melanotan vial aiming at the side, not the powder. This may take several attempts based on the size of your syringes - with a 1ml syringe you will need to inject 2 full syringes of water into your Melanotan vial if mixing with 2ml of water.

Place in the fridge for a few hours or overnight while the powder dissolves, you can swirl or tilt the vial to help.

Some residue may remain.



STEP 2 – ADMINISTERING THE SOLUTION

Administering Melanotan is a very easy and painless operation and is best performed just before you go to bed to minimize any side effects that may occur (tiredness & nausea).

Open a new syringe and pull the plunger back to number 10 on the syringe. Then take the solution from the fridge and insert the syringe into the rubber top and push the plunger to empty the air, then repeat (this will make drawing the solution out easier). Turn the vial upside down and pull the plunger until the solution reads at your specified dosage amount (for the first 2-3 days use 250mcg so your body adapts), ensuring the tip of the needle stays in the solution. Then flick the syringe to remove any air that may be in the syringe.

Now find the fleshiest area of your stomach and then clean with an alcohol wipe. Now place the index finger and thumb about 2 inches apart on the cleaned area of skin and simply pinch. Take the syringe in your other hand, holding it like a pen 90 degrees to your skin, needle side down. Melanotan is injected into the subcutaneous fat which is the layer between the skin and muscle. If you do not have enough fat and can only grab 1 inch of skin do your injection at a 45 degree angle to ensure you do not inject into the muscle.

Now insert the needle with a swift motion until it is fully under the skin. Gently depress the plunger until all the solution has gone from the syringe and carefully remove it from your skin.

Next gently hold the alcohol wipe on the injected area for 1 minute. You may feel a stinging sensation when injecting the solution this will subside quickly.

Try to use a different spot each time you do an injection to prevent any scars or skin changes and to try to make each spot at least 1 inch away from each other. If you experience a lump, swelling or bruising where the injection was that does not go away discontinue injection.

NASAL SPRAY ADMINISTRATION

Injection of Melanotan is very superior as compared to using the nasal spray but if you are afraid of injections or needles then melanotan nasal spray is the best option for you. The nasal spray method is only effective up to 30 – 40% because the nasal passages have poor absorption rate. This means you have to apply the nasal spray at least two to three times more than the injection. This is why in our Nasal Spray Kits, 20mg of Melanotan is needed for each Nasal Spray Bottle.

Great results are still seen with the use of the nasal spray with it generally taking 4 to 5 weeks or more to start developing your tan, as opposed to injection where results are usually seen after 2 weeks.

Nasal Spray generally adheres less noticeable side effects with nausea usually being nonexistent which is why it is a great alternative to some people. If you do experience any side effects from use the mixture may be too strong. This can be resolved by decreasing your dosage amount or by reconstituting the mixture with more Saline Nasal Mist to dilute it.

Our Melanotan Nasal Spray is sold unmixed as once mixed it needs to be stored in the refrigerator and the shelf life is only 5 weeks before its purity starts to degrade.

Therefore to ensure you have the best quality Melanotan it is best to reconstitute just before use. We use Saline Nasal Spray in our kits to reconstitute the Melanotan as it is easier on the nose and allows for better use as opposed to Sterile Water although this can also still be used.

DURATION & EFFECTIVENESS

"When starting out always use 30+ sunscreen on sensitive areas such as the face and neck.

Because these areas are frequently exposed to UV rays they are more responsive to the melanin producing effects of Melanotan II and therefore will become darker quicker than the rest of the body. Covering these areas initially will allow other parts of the body to tan first, ensuring you achieve a well balanced tan."

AVOID BURNING

Melanotan II is not a treatment or cure for any disease, nor should it be used with the aim of preventing skin cancer. While melanin is known to have excellent photo protectant properties, no clinical studies have ever indicated the efficiency of Melanotan II specifically in reducing UV damage, therefore the product should not be used solely as a replacement for sunscreen or other appropriate UV protection. This makes it important not to overexpose yourself when first starting the therapy. You should start only with the amount of exposure that your skin can handle without burning and always wear sunscreen.

Many people generally ask how much time it takes to show results. There is no fix time to see the results and largely depends on your natural skin colour and how much UV exposure you are getting. Generally most people will see excellent results by the end of 20mg (2 vials) of Melanotan II, although some see results from as little as 5-10mg - which equates to being as quick as 7-10 days of beginning their injections. Those with extremely fair skin will need more Melanotan II to see initial results and most likely won't see optimal results until 4-5 weeks of usage. The average time for great tanning results is 2-3 weeks assuming Melanotan II is combined with a sufficient amount of UV exposure. You need to spend about 20 to 40 minutes time in sun a week or if you are using sun bed then 5 to 10 minutes are sufficient.

If it is taking a longer period to develop your tan then you need more amount of UV exposure. The more UV exposure you get the faster and darker your tan will develop.

If you completely quit using Melanotan, your colour will fade gradually just like a natural tan would. It should take about three months before your colour is completely gone appose to about 4 weeks when Melanotan is not used. Instead of letting it fade and then going through the loading process again, most customers prefer to take a dose once or twice a week to maintain their colour.

SIDE EFFECTS

There have been some side effects reported while using Melanotan 2, typically these effects appear during the first few days of dosing and will become increasingly less obvious as the body adjusts to the peptide. Most users will experience at least some of the side effects to varying degrees, most commonly nausea, appetite suppression, facial flushing and dull headaches. These will typically become apparent within a few minutes of administration but can last for 1-2 hours. In order to combat nausea, an anti-histamine can be taken when injecting until the body gets used to it. But most common way to deal with this is to inject Melanotan before bed, this is also beneficial to combat any drowsiness.

• Male Erections

Melanotan 2 also causes increases in libido and is often seen in conjunction with outwardly physical signs of sexual arousal whereby the male user experiences prolonged periods of increased blood flow to the penis. This particular side effect does not diminish in severity over time and instances of occurrence are to be expected throughout the period of MT-II use.

• Freckles/Moles

Lighter freckles/moles and previously unseen moles may darken and become more visible with the use of Melanotan II. This can also occur naturally just by tanning; however, Melanotan II is known to speed up this process in some users. To reduce the chance of this effect you should initially not inject more than and 2-3mg of Melanotan II into your body between each tanning session as it's hypothesized that tanning evens out the concentration of melanin in the body and prevents it from accumulating in existing freckles/moles (which are natural concentration points for melanin). Similarly, to reduce the risk further, you can take a smaller dose and less frequent injections than is recommend and allow your tan to build more slowly.

Any freckles/moles that have darkened during the usage of Melanotan II will usually fade upon cessation of use; however, the time for this to occur will be different for each user. To speed up the process you should also avoid UV exposure.

SIDE EFFECTS (Continued)

- **Scarring**

Any unhealed scars or wounds may darken disproportionately compared to the surrounding skin when using Melanotan II. It is recommended to ensure all scars are healed fully before commencing Melanotan II usage. While using Melanotan II any slight skin abrasions (such as cuts and scratches) may also darken so you should ensure extra care is taken of your skin during this time.

- **White Spots**

These spots represent damaged areas of the skin where there is only a small amount of melanocytes/melanin and are due to a history of sunburn. They become noticeable during Melanotan II usage as the surrounding skin darkens but are not caused by its usage. Similarly if you notice larger white patches this is indicative of a fungal infection, which can be treated with anti-fungal medicines such as Nizoral, and is not caused by Melanotan II usage but only made more apparent when your skin is tanned.

- **Hyperpigmentation**

In addition to freckles and mole changes, there are fairly rare reports of a phenomenon called hyperpigmentation. The incidence of hyperpigmentation appears to be higher when Melanotan II is taken on its own and without exposure to the sun or sun beds. This is typified by blotches of darkened skin, normally much larger than regular moles. Not all incidences of hyperpigmentation are attributable to increased melanocyte activity even though their appearance may only become apparent during the use of Melanotan 2. This condition is specifically referred to as diffuse hyperpigmentation, with many possible underlying causes or disorders including Addison's disease, haemochromatosis, hyperthyroidism and certain medications which may induce phototoxic reactions.

OVER DOSING

Doses in the clinical trials of Melanotan II were up to 3mg (1/3rd of the vial), so there is no serious health risk to accidentally injecting too much Melanotan II.

You will most likely notice nausea, flushing of the face, a headache and possible vomiting which will last several hours to half a day but eventually subside.

Hospitalization is generally not required. A cool environment, good anti-histamine and plenty of fluid (water) will help you recover as quickly as possible. You most likely will not feel like eating. You should take 2-3 days off before resuming your injections at the correct Melanotan II Dosage.

LONG TERM SIDE EFFECTS

While Melanotan II was developed in the 1980's, its usage in the general population is relatively new, with the earliest reports dating back to 2003. It's not possible to know for certain the long term side effects of any product until it has been used by many individuals for a long period of time. However, reports and detailed logs from people using the product consistently for the past 5-6 years indicate that there are no documented negative long term side effects of Melanotan II usage.

DISCLAIMER:

You must be over 18 years of age to order or purchase from our website. You may not purchase this peptide for anyone who is under 18 years of age. Products are not drugs and have not been approved by the FDA to prevent, treat or cure any medical condition, ailment or disease. The purchaser is fully aware of the health hazards associated with these products and agrees that they are experienced in their handling.

RESULTS TO EXPECT

Because MT2 works naturally with your body, everyone's experience can be different. We do know, however, that people with similar skin types tend to have similar results. So, once you know what your type is, you can get a pretty good idea of what to expect.

TYPE 1 - This palest natural skin tone is the most sensitive to sun exposure. This group always burns, never tans and usually peels. They also freckle profusely in the sun.

WHAT TO EXPECT - If you have lots of freckles they'll darken before the rest of your skin tone. Some new freckles may also show up. Don't panic. This is completely normal and a sign that your MT2 is working. Since your skin type is naturally pale, your loading phase will be longer than other customers. You'll need a fairly large amount of MT2 in your system before your skin tone changes. Most customers with skin Type 1 start experiencing a change in their overall colour around the fourth week of injections. At that time, you'll probably need a moderate amount of sun exposure to achieve a deep tan, but you should not burn or peel. Your freckles should become less noticeable as your overall skin tone gets darker and darker.

TYPE 2 - This group isn't extremely pale but still has trouble tanning. They burn easily and usually peel but can eventually develop a slight tan.

WHAT TO EXPECT - Most of our customers fall into this skin type and MT2 usually works very well for them. If you have freckles, you can expect them to darken more quickly than the rest of your skin (most likely within the first week). Also, a few new freckles might appear. Your skin should start to darken around the third week of injections. You'll probably need a low amount of sun exposure (less than those with skin Type 1) before you get the colour you want, but you shouldn't burn or peel.

TYPE 3 - This covers the widest variety of skin tones and refers to people who burn moderately in the sun but can gradually tan to a light brown. It also covers those don't burn much at all and always tan well to a medium shade of brown. People in this category peel occasionally after prolonged sun exposure, but don't usually don't or freckle.

WHAT TO EXPECT - MT2 works great for people with this skin type. Just like people with paler skin, if you have freckles, they'll darken before the rest of your skin tone. You may see a change in your overall skin tone as quickly as ten days after starting injections, although it takes most people closer to three weeks. People with this skin type usually do not have to go in the sun at all to notice a difference in skin tone. If you do decide to go in the sun, your skin will darken quickly to a deep brown. Any part of your body that is exposed to sunlight (face, arms, hands, etc.) will tan very quickly. Use a high SPF if you find that those areas do not match the rest of your body.

TYPE 4 - If this is you, consider yourself lucky. This group rarely (if ever) burns in the sun and always tans to a deep, dark brown. They are not prone to peeling or freckling and can tan easily with minimal sun exposure.

WHAT TO EXPECT - Most customers with this skin type don't need MT2 to get the perfect tan. Instead, they use it as a way to get tan without exposing themselves to harmful sunrays or using messy creams or lotions. People with this skin type will darken very quickly and will have a very short loading phase. You could see results in as early as a week, although it might take as long as two to three weeks. You won't need to go in the sun to notice a change in your overall skin tone. Your skin will get darker on its own without exposure to sunlight or tanning beds.

TYPE 5 - This group includes people who are deeply pigmented and never burn. They are considered insensitive to sunlight. They don't peel or freckle and are naturally dark with no sun exposure.

WHAT TO EXPECT - People in this group who are interested in using Melanotan II most likely have a skin condition like vitiligo. Although Melanotan was never developed as a treatment or cure for skin conditions, we do have customers who have had great results from using it. It's certainly something worth considering and possibly trying after you do some research and talk to your doctor.

THE FITZPATRICK SCALE



WEBSITE - www.liquitan.com
EMAIL - info@liquitan.com