



Magnum Compounding LLC
490 W 84 St, Hialeah, FL 33014
Phone: (786) 622-2301
Fax: (786) 622-2319
Toll Free: (855) 403-6028

**LET'S DO THIS
TOGETHER**

COMPOUNDED INJECTABLE FORMULA INFORMATION SHEET

Product Name: Tirzepatide 16 mg, Niacinamide 6 mg, L-Carnitine 50 mg Injection

Formulation Type: Sterile Injectable Solution (Subcutaneous Use Only)

Vial Size: 2 mL Multi-Dose Vial (MDV)

ACTIVE INGREDIENTS (per mL)

Ingredients	Strength (mg / mL)	Role & Benefits
Tirzepatide	10, 16, 30, 34, 62 mg	GLP-1 receptor agonist for glycemic control and appetite suppression.
Niacinamide	6 mg	Supports insulin sensitivity and reduces inflammation.
L-Carnitine	50 mg	Assists in fatty acid metabolism and energy production.

OTHER INGREDIENTS:

- Benzyl Alcohol, NF – Preservative
- Sterile Water for Injection, USP – Vehicle
- pH adjusted with Sodium Hydroxide and/or Hydrochloric Acid

DESCRIPTION: This compounded formulation combines Tirzepatide, a GLP-1 receptor agonist, with Niacinamide and L-Carnitine to support glucose regulation, enhance fat metabolism, and promote metabolic health. It is intended for subcutaneous administration and may be used as part of a comprehensive weight management or metabolic wellness program.

INDICATIONS:

- Support for weight management and metabolic health.
- Adjunct to diet and exercise for glucose regulation.
- Fatty acid metabolism and energy enhancement.

DOSAGE & ADMINISTRATION:

- Route: Subcutaneous Injection (SC) Only.
- Typical Dosage: As directed by a licensed healthcare provider.
- Administer in abdomen or thigh using proper aseptic technique.

If you have any questions or concerns regarding your medication, please do not hesitate to contact us.



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*This product is to be administered under licensed medical supervision.

STORAGE: Store refrigerated at 2°C to 8°C (36°F to 46°F). Do not freeze. Protect from light and heat. Keep vial capped when not in use.

WARNINGS & PRECAUTIONS:

- Do not use in patients with a personal or family history of medullary thyroid carcinoma.
- Not for use in patients with multiple endocrine neoplasia syndrome type 2 (MEN 2).
- Use caution in patients with renal or hepatic impairment.
- Monitor for signs of pancreatitis or hypoglycemia when used with insulin or sulfonylureas.

POTENTIAL SIDE EFFECTS:

- Localized pain at injection site
- Mild flushing, tingling, or dizziness
- Rare: allergic reaction or anaphylaxis
- Notify provider of any unusual or persistent symptoms

DRUG DISPOSAL: Unused or expired compounded medications should be disposed of properly according to local regulations. Do not flush medications down the toilet or pour them into a drain unless instructed to do so. Consult with your pharmacy or local waste disposal authority for appropriate disposal methods. Magnum Compounding LLC can provide guidance or accept returned compounds for proper disposal when applicable.

NEEDLE AND SYRINGE DISPOSAL:

Dispose of used needles/syringes immediately in an FDA cleared sharps container. Do not recap or reuse needles. Follow local regulations or ask your pharmacy about disposal.

SHIPPING AND HANDLING: Shipped cold. Do not use if exposed to improper temperature or physical damage. Inspect before use.

SUPPLIES NEEDED:

- Prescribed vial (multi-dose)
- U-100, U-50, U-30 insulin syringes (1ml, 0.5 mL, 0.3ml)
- Alcohol prep pads

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- Cotton/gauze pad or bandage
- FDA-cleared sharps container

HOW TO PREPARE AND INJECT:

1. Wash hands and gather supplies.
2. Clean the vial's rubber stopper with an alcohol pad; allow to dry.
3. Draw air into the syringe equal to your intended dose (in units).
4. Insert needle into the vial, inject the air, invert the vial, and withdraw the required units.
5. Check for bubbles; tap to move them to the top and expel.
6. Clean the injection site (abdomen, thigh, or upper arm; avoid 2" around navel). Pinch the skin and insert the needle at 90°.
7. Inject slowly. Remove needle, apply gentle pressure; do not rub.
8. Rotate injection sites with each dose.

IMPORTANT SAFETY INFORMATION:

- For use only under the care of a licensed prescriber. This sheet is informational only; the prescriber determines dosage and regimen.
- GLP1/GIP therapy may commonly cause GI effects (nausea, vomiting, diarrhea, constipation). Contact your prescriber if severe or persistent.
- Seek urgent care for symptoms of pancreatitis (severe abdominal pain), gallbladder disease (upper right abdominal pain), or allergic reactions.
- Risk of hypoglycemia increases when used with insulin or insulin secretagogues; prescriber may adjust other medications.
- Do not use if pregnant or breastfeeding unless prescriber directs. Not for patients with personal/family history of medullary thyroid carcinoma (MTC) or MEN2 unless prescriber specifically approves.

INJECTION SAFETY CONSIDERATIONS (CDC GUIDANCE):

- Medications should be drawn up in a designated clean medication preparation area using a new sterile syringe and sterile needle.
- Prepare an injection as close as possible to the time of administration to the patient.
- Do NOT leave the needle inserted into a medication vial septum for multiple uses.
- Vials labeled as single-dose or single-use should be used for only a single patient and entered only once.
- Do NOT combine (pool) leftover contents of single-dose or single-use vials or store them for later use.

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- If a single-dose or single-use vial has been opened or accessed (e.g., needle-punctured), it should be discarded according to pharmacy policy or at the end of the procedure, whichever is sooner.
- Discard any medication vial if sterility is compromised or questionable.
- Multi-dose vials should be dedicated to a single patient whenever possible.
- Once opened, multi-dose vials must be dated and discarded within 28 days unless otherwise specified by the pharmacy label.

REFERENCE:

1. GLP-1 Receptor Agonists – FDA Prescribing Information
2. Niacinamide in Metabolic Health – NIH Database
3. L-Carnitine Pharmacological Profile – PubMed/NCBI

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