

*the*  
**Briar Rose**  
 Co.

## GLP-1 *Research Guide*

Three compounds · Pre-reconstituted

**WHAT THIS IS** A reference guide for researchers selecting between The Briar Rose Co.'s three GLP-1 compounds. Each has different action mechanisms, titration ramps, and clinical trial backing. This guide compares them side-by-side and links to the full per-compound titration sheets.

- ✓ Three GLP-1 compounds compared
- ✓ Choosing-questions for first-time selection
- ✓ Action, ramp, and trial backing for each
- ✓ Links to full per-compound titration sheets

### What's inside

- 1 Compound comparison — Sema, Tirz, Reta at a glance
- 2 Choosing your compound — questions to consider
- 3 Titration philosophy — why ramps matter
- 4 Pre-reconstituted product — what arrives, what you do
- 5 Storage & safety — the 30-day rule
- 6 Devices — pen vs syringe selection
- 7 Order process — how to start

### COMPOUND COMPARISON · AT A GLANCE

#### Semaglutide

BRC-1P · WEGOVY CLASS

Action	GLP-1
Concentration	25 mg/mL
Maintenance	2.4 mg/wk
Maint. units	10 u
Trial backing	STEP-1
FDA status	Approved
Best for	First-time

#### Tirzepatide

BRC-2P · ZEPBOUND CLASS

Action	GLP-1 + GIP
Concentration	100 mg/mL
Maintenance	10 mg/wk
Maint. units	10 u
Trial backing	SURMOUNT
FDA status	Approved
Best for	Best efficacy/\$

#### Retatrutide

BRC-3P · INVESTIGATIONAL

Action	GLP-1+GIP+GCG
Concentration	100 mg/mL
Maintenance	10 mg/wk
Maint. units	10 u
Trial backing	TRIUMPH P3
FDA status	Phase 3
Best for	Highest potential

**PRE-RECONSTITUTED** All three compounds ship as ready-to-inject 3 mL cartridges. Snap into a Gansulin pen or draw with a U-50 or U-100 syringe. No mixing required.

- ✓ Ready to inject on arrival
- ✓ U-50 + U-100 syringes: 1 unit = 0.01 mL
- ✓ Same Gansulin pen for all three
- ✓ 30 days of stability from first use

# Choosing your *compound*

Questions to consider before starting

**CAVEAT** These products are for research use only. The questions below are about research design — not personal medical guidance. Consult a qualified provider for health decisions.

## PICK SEMAGLUTIDE IF...

- ✓ You're new to GLP-1 research
- ✓ Want the most-studied compound (over 2 yrs of data)
- ✓ Prefer the gentlest ramp and lowest cost-of-entry
- ✓ Your subject has a sensitive GI baseline

## PICK TIRZEPATIDE IF...

- ✓ You want the best efficacy-per-dollar (best \$/mg in class)
- ✓ Dual-action GLP-1+GIP is more relevant to your protocol
- ✓ Subject has tolerated GLP-1 monotherapy
- ✓ You're targeting 12–18% weight reduction range

## PICK RETATRUTIDE IF...

- ✓ You're studying triple-action mechanism (GCG inclusion)
- ✓ You're targeting potential 20%+ weight reduction
- ✓ You and the subject understand the AE profile (dysesthesia, GI)
- ✓ You accept the investigational status (not FDA-approved)
- ✓ Most community researchers cap maintenance at 9 mg/wk based on TRIUMPH-4 risk data

**COST REALITY** Best-value sizing per cartridge: Sema 10 mg (\$60), Tirz 60 mg (\$170), Reta 48 mg (\$270). Sema offers the lowest cost-of-entry; Reta 48mg covers a full titration ramp plus maintenance.

- ✓ Sema 10 mg cartridge — \$60 (best entry price)
- ✓ Tirz 60 mg — \$170 (best value tier)
- ✓ Reta 48 mg — \$270 (best value tier)
- ✓ Smaller sizes available at higher \$/mg

# Titration *philosophy*

Why the ramp matters more than the destination

**THE RAMP** Every GLP-1 protocol starts low and increases every 4 weeks. This isn't conservative dosing — it's required for tolerability. Skipping phases dramatically raises the GI side-effect rate and increases the chance of discontinuation.

## THE FOUR-PHASE PRINCIPLE

**Phase 1 (Wks 1–4):** Test tolerance. The lowest dose is rarely therapeutic; it's there to let the body adapt without GI revolt.

**Phase 2 (Wks 5–8):** Begin therapeutic effect. Many researchers see noticeable appetite suppression here. Some compounds reach maintenance options at this phase.

**Phase 3 (Wks 9–12):** Standard transition. The typical ramp continues unless tolerability problems emerge — in which case, hold at Phase 2.

**Phase 4+ (Wks 13+):** Maintenance. Most users find their balance somewhere in the maintenance range. There's no benefit to escalating past tolerance.

**IMPORTANT** The numbered phases are *guidelines*, not commandments. If you feel good at Phase 2, hold there. If GI symptoms persist beyond 2 weeks at any phase, hold (don't escalate). The goal is sustainable consistency, not racing to the top.

## SCHEDULE DEFAULTS

### STANDARD INJECTION

- ✓ Weekly subcutaneous
- ✓ Same day each week (Sundays are common)
- ✓ Same time of day (evening reduces nausea perception during sleep)
- ✓ Rotate injection sites across abdomen, thigh, arm

### IF A DOSE IS MISSED

- ✓ If < 5 days late: take the missed dose
- ✓ If > 5 days late: skip and resume next scheduled day
- ✓ Never double up

# Pre-reconstituted

What arrives, what you do

## THE SIMPLE VERSION

The Briar Rose Co. ships your peptide already mixed and ready to inject. There is no powder, no BAC water, no mixing, no sterile reconstitution technique to learn. Refrigerate, snap into pen or draw with syringe, inject.

- ✓ Cartridges arrive ready-to-inject
- ✓ Snap into Gansulin pen or draw with syringe
- ✓ Refrigerate on arrival (2–8°C)
- ✓ Dial the unit count from titration sheet

## WHAT'S IN THE BOX

### YOU WILL RECEIVE

- ✓ 3 mL Gansulin-compatible cartridge(s)
- ✓ Insulated cold-chain shipping
- ✓ Cold pack(s) – ensures fridge temps in transit
- ✓ Receipt with batch and reconstitution date

### YOU WILL NOT RECEIVE

- ✓ Vial of powder
- ✓ BAC water
- ✓ Mixing instructions (none needed)
- ✓ The Gansulin pen itself (sold separately)

## WHAT YOU DO, IN ORDER

**Refrigerate immediately.** 2–8°C. Middle shelf, not the door. The moment your shipment arrives – before anything else.

**Inspect the cartridge.** Solution should be clear, colorless. If anything looks wrong (cloudiness, particles, color change), don't use it. Contact Scott.

**Take your first injection** when ready to start your protocol. Mark the date on the cartridge – your 30-day clock starts here.

**Continue weekly,** same day, rotating sites. Use within 30 days of that first-injection date.

# Storage & safety

The 30-day rule and how to keep it

**THE 30-DAY RULE** Refrigerate at 2–8°C immediately upon receipt. Use within **30 days of first injection** — not 30 days from receipt, and not 30 days from the date on the cartridge label. The clock starts when you start.

- ✓ Refrigerate immediately on arrival
- ✓ Mark first-use date on the cartridge
- ✓ 30-day clock starts at first injection
- ✓ Never freeze — destroys peptide structure

## ALWAYS

- ✓ Refrigerate 2–8°C / 36–46°F · middle shelf
- ✓ Original packaging blocks light damage
- ✓ Mark first-injection date on the cartridge
- ✓ Discard at 30 days post first-injection

## NEVER

- ✓ Freeze (destroys peptide)
- ✓ Direct sunlight or heat above 86°F
- ✓ Use cloudy, colored, or particle-containing solution
- ✓ Use past the 30-day post-first-injection window

## TRAVEL

Use an insulated cooler with cold packs. TSA allows injectables in carry-on with the original receipt. Do not let the cartridge approach freezing or rise above 86°F. Brief room-temperature excursions during travel are tolerated; sustained heat is not.

## WATCH FOR

- ✓ MTC family history or MEN-2 syndrome
- ✓ Pancreatitis or gallbladder history
- ✓ Pregnancy / breastfeeding
- ✓ Severe gastroparesis

## HOLD DOSE IF

- ✓ Daily nausea persisting beyond 2 weeks
- ✓ Vomiting in past 7 days
- ✓ Weight loss exceeding 2 lb/wk
- ✓ New gallbladder symptoms

# Delivery *devices*

Three options · One math system

**U-100 CALIBRATION** Every device — Gansulin pen, U-50 syringe, U-100 syringe — uses the same **0.01 mL per unit** scale. Convert your dose to units once, then dial or draw that number on whichever device you're using. The only difference between devices is the single-shot capacity.

- ✓ 1 unit = 0.01 mL on any U-100 device
- ✓ Tirz / Reta:  $\text{mg} \times 1 = \text{units}$  (100 mg/mL)
- ✓ Sema:  $\text{mg} \times 4 = \text{units}$  (25 mg/mL)
- ✓ Same math on pen, 0.5 mL syringe, or 1 mL

## CAPACITY BY DEVICE

### Gansulin *Pen*

1-60 U SINGLE-DIAL

Cartridge 3 mL · 300 u

Single-shot cap 60 u

Best for Dial-and-go

### 0.5 mL *Syringe*

U-100 · 50 U CAPACITY

Capacity 0.5 mL · 50 u

Single-shot cap 50 u

Best for Low-dose precision

### 1 mL *Syringe*

U-100 · 100 U CAPACITY

Capacity 1 mL · 100 u

Single-shot cap 100 u

Best for Maintenance

**WHEN DEVICES SPLIT** Most maintenance doses fit in a single shot on at least one device. The 1 mL syringe handles 100u in one shot — covering Tirz 10 mg and Reta 9 mg without splits. The pen splits at doses above 60u; check your titration sheet for exact per-phase device fits.

# Order *process*

From decision to delivery in 24–72 hours

**Sign the purchase agreement.** One-time, electronic. Acknowledges research-use-only terms and confirms you're 21+. Required before any first order.

**Message Scott** with: your name, who referred you (if anyone), the product and size you want, and any questions.

**Receive Zelle payment instructions** by email after order is reviewed. Pay via Zelle to the handle provided; payment confirmation triggers fulfillment.

**Fulfillment** within 24–72 hours of payment confirmation. Cold-chain shipping with insulation and cold packs.

**Refrigerate immediately** on arrival. Mark your first-injection date when you start. The 30-day clock begins then.

**REORDERS** Existing customers can reorder by messaging Scott directly with product and size. The purchase agreement is one-time only. Returning customers typically receive the same 24–72 hour fulfillment window.

- ✓ Message Scott directly with product + size
- ✓ Receive Zelle invoice — 24–72 hr fulfillment

- ✓ Existing customers skip the agreement step
- ✓ Same Gansulin pen carries forward

**QUESTIONS** Briar Rose, the product advisor, can answer questions about pricing, protocol, titration, and product selection. For order status, payment issues, or shipping questions, message Scott directly.

**The Briar Rose Co.** · **Storage:** Refrigerate at 2–8°C immediately upon receipt · Use within 30 days of first injection · Do not freeze

*All products research-grade · 99%+ purity · COA-verified · Sourced from Nexaph*