

HANDLING INSERT

Retatrutide pre-filled research pen

Storage, handling, in-use period, and disposal guidance for laboratory and analytical research.

Product	Retatrutide pre-filled research pen
Available formats	6 mg, 15 mg, 30 mg per pen
CAS reference	2381089-83-2
Identifier	LY3437943 (39-amino-acid triple agonist)
Supplied by	Nordic Bio · Germany
Document version	v1.0

Research Use Only. Supplied for in vitro laboratory and analytical research. Not for human, veterinary, diagnostic, or therapeutic use.

1. Storage

Store unopened pens refrigerated at **2 °C to 8 °C** in their original carton, protected from light. Do not freeze. If a pen has been frozen, it must not be used; freezing compromises peptide stability and the pen mechanism.

Brief temperature excursions outside the 2 to 8 °C range may occur during transit. Each shipment includes a cold-chain breach indicator. If the indicator has been triggered on arrival, contact Nordic Bio before opening or using the pen.

2. In-use period

After first activation, the pen may be stored at **2 °C to 8 °C for up to 28 days**. Do not exceed the in-use period. Discard the pen after 28 days even if active material remains.

Brief exposure to room temperature (up to 30 °C) for short periods during in-use handling is acceptable. Return the pen to refrigerated storage promptly after each use.

3. Handling and dispensing

Allow the pen to reach room temperature for 10 to 15 minutes before each use. Inspect the cartridge visually. The solution should be clear and colourless. Do not use if the solution is cloudy, discoloured, or contains particles.

Each pen is supplied pre-filled and ready to use. No reconstitution and no bacteriostatic water are required. Attach a new sterile needle for each dispensing event. Always use a fresh, single-use needle to maintain reference integrity and prevent cross-contamination.

Dial the required dose using the pen mechanism, prime if specified by your protocol, and dispense as required by your research procedure. Record dose and timing in your lab notebook.

4. Cold-chain integrity

On receipt, inspect the outer packaging and the cold-chain indicator strip included in the shipment.

If the indicator is green / unbreached:

The shipment is within specification. Transfer pens to refrigerated storage and document receipt in your lab inventory.

If the indicator is red / breached:

Do not use the pens. Retain the packaging and the indicator strip. Contact Nordic Bio within 48 hours of receipt with your order reference and a photograph of the indicator. A replacement will be dispatched after review.

5. Disposal

Dispose of used pens and needles as biological / pharmaceutical research waste in accordance with your institution's standard operating procedures and the regulations of your jurisdiction. Used needles must be placed in a sharps container immediately after use. Empty pens and expired pens should be incinerated through a licensed clinical waste route.

6. Contact and support

For questions about handling, cold-chain incidents, lot documentation, or replacement, contact the Nordic Bio research team via WhatsApp or email. Response time is typically under one hour during European business hours.

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