

LONGEVA.

RESEARCH PEPTIDES

LONGEVA.BIO



SEMAGLUTIDE

GLP-1 receptor agonist

> 99.1% purity · Independent COA (Janoshik)

longeva.bio

FOR RESEARCH & LABORATORY USE ONLY · NOT FOR HUMAN CONSUMPTION



Overview

Semaglutide is a long-acting acylated analogue of glucagon-like peptide-1, a GLP-1 receptor agonist that has been the subject of extensive preclinical and clinical research on glycaemic control and body-weight regulation. This overview is strictly scientific and reference in nature.

CAS

910463-68-2

CLASS

GLP-1 receptor agonist

FORM

Lyophilized powder

MOLAR MASS

~4114 Da

HALF-LIFE

~7 days



Quality & storage



Purity

Every batch ships with an independent Certificate of Analysis (COA).



Storage

Lyophilized: 2–8 °C. Reconstituted solution: 2–8 °C.



Handling

Protect from light; avoid freeze/thaw cycles.

REFERENCES

Full literature review and source list – on the wiki page on the site.

[View on the wiki >](#)

DOSING



Reference data – not a recommendation

The information at this link is provided from public sources for reference only. It is not advice or instructions for use; products are intended for laboratory research only and not for human consumption.

Reference dosing schedule for research purposes – on the site.

[Full dosing guide >](#)



Specifications

| | |
|-----------|----------------------|
| Substance | SEMAGLUTIDE |
| CAS | 910463-68-2 |
| Form | Lyophilized powder |
| Purity | > 99.1% |
| Sizes | 5 mg / 10 mg / 30 mg |

RECONSTITUTION

Add bacteriostatic water for injection (volume depends on vial size). Gently swirl (do not shake) until fully dissolved. Full calculator and step-by-step guide at longeva.bio.

FAQ

How is purity verified?

HPLC per batch + an independent COA.

What diluent should I use?

Bacteriostatic water, for laboratory reconstitution.

Is this for human use?

No – research and laboratory use only.