

Tirzepatide Specification Sheet

Product Overview

Tirzepatide Specification Sheet

This specification sheet provides technical information for Sunone Tirzepatide research peptide, Catalog No. SUN-P008. It summarizes product identity, chemical information, purity specification, physical form, storage conditions and available vial sizes.

Batch-specific analytical results should be verified against the applicable Certificate of Analysis (COA), while handling and safety information should be reviewed in the current Safety Data Sheet (SDS).

Tirzepatide Product Specifications

Specification	Information
Product Name	Tirzepatide
Catalog No.	SUN-P008
Synonyms	LY3298176; GIP/GLP-1 dual receptor agonist
CAS Number	2023788-19-2
PubChem CID	156588324
Molecular Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈
Molecular Weight	4813.53 Da
Product Type	Synthetic peptide
Grade	Research Grade
Purity Specification	≥99%; refer to batch-specific COA
Physical Form	Lyophilized powder
Storage	Store at 2 - 8° C and protect from light unless otherwise specified in batch documentation
Availability	Made to order / On request
Intended Use	Laboratory research and manufacturing use

The molecular formula C₂₂₅H₃₄₈N₄₈O₆₈ is consistent with PubChem and FDA information, while the FDA labeling gives a molecular weight of **4813.53 Da**. PubChem identifies Tirzepatide as **CID 156588324**.

Available Vial Sizes

Tirzepatide is available in multiple research packaging specifications, including:

5 mg, 10 mg, 15 mg, 20 mg, 30 mg, 40 mg, 45 mg, 50 mg, 60 mg and 100 mg vial configurations.

Packaging and availability may vary. Please refer to the current Tirzepatide product page or contact our team for available configurations, minimum order quantities and lead times.

Research Applications

Tirzepatide is supplied for controlled laboratory research involving areas such as GIP receptor signaling, GLP-1 receptor signaling, incretin biology, glucose metabolism, cellular metabolic regulation, energy homeostasis and multi-receptor peptide research.

Quality Documentation

Product identity, purity, chemical form and other batch-dependent analytical specifications should be confirmed using the applicable batch-specific Certificate of Analysis.

Before receiving, handling, storing or processing the material, review the current Tirzepatide Safety Data Sheet and follow your laboratory or facility handling procedures.

Storage and Handling

Store Tirzepatide at **2–8°C** and protect it from light unless otherwise specified in the applicable batch documentation.

Use appropriate laboratory handling procedures and personal protective equipment. Refer to the current SDS for detailed safety and handling information.

Related Documentation

Product Page:

[Tirzepatide Research Peptide](#)

Safety Data Sheet:

Tirzepatide Safety Data Sheet (SDS)

Certificate of Analysis:

Request the applicable batch-specific Tirzepatide Certificate of Analysis.

Request a Quote:

[Request a Quote for Tirzepatide](#)

Research Use Only

For research and manufacturing use only. Not intended for human or veterinary use, diagnosis or treatment. Supplied to qualified businesses in accordance with applicable requirements.