

Global Oral Proteins & Peptides Market Size study, by Molecule (Semaglutide, Linacotide, Calcitonin), by Drug Class (GLP-1 Receptor Agonist, GEP, CGRP), by Therapeutic Area (Diabetes, Gastroenterology, Genetic Disorder), by Formulation (Tablet, Capsule), and Regional Forecasts 2022-2032

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Abstracts

The Global Oral Proteins & Peptides Market is valued at approximately USD 6.03 billion in 2023 and is anticipated to grow at an impressive CAGR of 22.5% over the forecast period 2024-2032, reaching USD 20.37 billion by 2032. This market encompasses a wide array of proteins and peptides administered orally, offering innovative therapeutic approaches for chronic conditions such as diabetes, gastroenterology disorders, and genetic diseases.

Several factors are driving this market growth, including the rising prevalence of chronic diseases, the enhanced patient compliance associated with oral drug formulations, and increasing collaborations between pharmaceutical giants for R&D. The oral route of administration ensures better patient adherence, significantly improving therapeutic outcomes. Despite these advantages, the market faces challenges related to the stability and formulation of oral proteins and peptides, alongside the stringent regulatory hurdles that new formulations must overcome.

The semaglutide molecule segment holds the largest share in the market. As a glucagon-like peptide-1 (GLP-1) receptor agonist, semaglutide plays a pivotal role in managing type-2 diabetes. Its growing adoption is fueled by its ability to regulate blood sugar levels and appetite, addressing the needs of a significant diabetic population. Additionally, the tablet formulation segment is poised for the highest growth during the

forecast period due to its cost-effectiveness, longer shelf life, and stability, which ensure greater scalability and accessibility for commercial production.

Geographically, Europe stands out as the second-largest market for oral proteins and peptides, owing to its favorable regulatory environment, reimbursement policies, and the presence of key players. North America, however, continues to lead due to its robust healthcare infrastructure and ongoing advancements in pharmaceutical research.

The competitive landscape is marked by prominent players such as Novo Nordisk A/S (Denmark), AbbVie Inc. (US), Pfizer Inc. (US), and AstraZeneca (UK), among others. These companies are actively driving innovation and expanding the availability of oral protein and peptide therapies globally.

The detailed segmentation of the market is as follows:

By Molecule

Semaglutide

Linaclotide

Calcitonin

Trofinetide

Voclosporin

Plecanatide

By Drug Class

GLP-1 Receptor Agonist

GEP

CGRP

By Therapeutic Area

Diabetes

Gastroenterology

Genetic Disorder

By Formulation

Tablet

Capsule

Oral Solution

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024–2032

Key Takeaways:

Market Estimates & Forecasts for 10 years (2022–2032).

Annualized revenue analysis and regional breakdown for each market segment.

Detailed analysis of geographical landscape with country-level trends.

Insights into competitive strategies and market innovations.

Analysis of market drivers, challenges, and opportunities.

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