

Global Dipeptide Peptidase 4 Inhibitors Market Size study, by Brand (Tradjenta, Nesina, Onglyza, Januvia, Vipidia, Galvus), by Application and Regional Forecasts 2022-2032

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Abstracts

Global Dipeptide Peptidase 4 (DPP-4) Inhibitors Market is valued at approximately USD 11.3 billion in 2023 and is projected to grow steadily at a compound annual growth rate (CAGR) of 2.80% over the forecast period 2024-2032. DPP-4 inhibitors, also known as gliptins, have emerged as a cornerstone in the therapeutic management of type 2 diabetes mellitus by modulating incretin hormones and enhancing glycemic control without causing significant hypoglycemia. Their appeal lies in their oral administration, compatibility with other diabetes drugs, and favorable safety profiles—especially for elderly and comorbid patients. The expanding global diabetic population, rising awareness around early treatment, and the shift towards combination therapies have collectively underpinned the rising demand for this drug class across primary and specialized care settings.

With the continued ascent of type 2 diabetes prevalence, particularly in urban and aging populations, the DPP-4 inhibitors market is being reinforced by the widespread adoption of branded therapies such as Januvia, Onglyza, and Tradjenta. Pharmaceutical companies are strategically investing in lifecycle management strategies, including fixed-dose combinations and once-daily dosing regimens, to sustain market relevance and extend patent protection. Moreover, the clinical preference for DPP-4 inhibitors in patients contraindicated for metformin or those requiring renal-safe medications has become a decisive driver. However, intensifying generic competition and pricing pressures across developed markets present formidable challenges to sustaining revenue momentum through the forecast period.

Market growth is also being propelled by regulatory approvals in emerging regions, increasing public-private healthcare partnerships, and digital health platforms aiding chronic disease management. Research efforts are concentrated on further optimizing the therapeutic index of DPP-4 inhibitors, integrating them within multifactorial treatment strategies, and exploring their cardiovascular safety profiles. Additionally, the emergence of personalized diabetes care—driven by patient-centric approaches and real-world data insights—is reshaping the prescriptive landscape for antidiabetic agents including gliptins.

Regionally, North America commands a significant share of the DPP-4 inhibitors market, supported by early product launches, strong reimbursement frameworks, and robust R&D pipelines. Europe trails closely, driven by favorable clinical guidelines and a high diabetic burden. Asia Pacific is expected to witness the fastest CAGR owing to rapid urbanization, dietary shifts, rising healthcare expenditures, and increasing market penetration of key brands in countries such as China, India, and Japan. Latin America and the Middle East & Africa, though relatively nascent, are steadily integrating DPP-4 inhibitors into public formularies, marking considerable growth potential fueled by regional partnerships and expanding healthcare coverage.

Major market player included in this report are:

Merck & Co., Inc.

Takeda Pharmaceutical Company Limited

Boehringer Ingelheim International GmbH

AstraZeneca PLC

Novartis AG

Sanofi S.A.

Eli Lilly and Company

Glenmark Pharmaceuticals Ltd.

Sun Pharmaceutical Industries Ltd.

LG Chem

Wockhardt Ltd.

Teijin Pharma Ltd.

Hanmi Pharmaceuticals

Jiangsu Hengrui Pharmaceuticals Co., Ltd.

Alkem Laboratories Ltd.

The detailed segments and sub-segment of the market are explained below:

By Brand

Tradjenta

Nesina

Onglyza

Januvia

Vipidia

Galvus

By Application

Type 2 Diabetes Mellitus

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET EXECUTIVE SUMMARY

- 1.1. Global DPP-4 Inhibitors Market Size & Forecast (2022–2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Brand
 - 1.3.2. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Provider's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Stakeholder Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET DYNAMICS

Global Dipeptide Peptidase 4 Inhibitors Market Size study, by Brand (Tadjenta, Nesina, Onglyza, Januvia, Vipi...

3.1. Market Drivers

- 3.1.1. Rising Type 2 Diabetes Prevalence Globally
- 3.1.2. Favourable Safety and Renal Profiles of DPP-4 Inhibitors
- 3.1.3. Adoption of Fixed-Dose Combinations and Once-Daily Regimens

3.2. Market Challenges

- 3.2.1. Intensifying Generic Competition and Pricing Pressures
- 3.2.2. Patent Expiry and Lifecycle Management Constraints
- 3.2.3. Concerns Over Long-Term Cardiovascular Outcomes

3.3. Market Opportunities

- 3.3.1. Penetration in Emerging National Formularies
- 3.3.2. Digital Therapeutics and Remote Patient Monitoring
- 3.3.3. Expansion into Combination Therapies with GLP-1 Agonists

CHAPTER 4. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET INDUSTRY ANALYSIS

4.1. Porter's Five Forces Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's Five Forces
- 4.1.7. Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspectives

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET SIZE &

FORECASTS BY BRAND 2022–2032

5.1. Segment Dashboard

5.2. Revenue Trend Analysis by Brand, 2022 & 2032 (USD Billion)

5.2.1. Tradjenta

5.2.2. Nesina

5.2.3. Onglyza

5.2.4. Januvia

5.2.5. Vipidia

5.2.6. Galvus

CHAPTER 6. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET SIZE & FORECASTS BY APPLICATION 2022–2032

6.1. Segment Dashboard

6.2. Revenue Trend Analysis by Application, 2022 & 2032 (USD Billion)

6.2.1. Type 2 Diabetes Mellitus

6.2.2. Others

CHAPTER 7. GLOBAL DIPEPTIDE PEPTIDASE 4 INHIBITORS MARKET SIZE & FORECASTS BY REGION 2022–2032

7.1. North America Market

7.1.1. U.S. Market

7.1.1.1. Brand breakdown, 2022–2032

7.1.1.2. Application breakdown, 2022–2032

7.1.2. Canada Market

7.2. Europe Market

7.2.1. UK Market

7.2.2. Germany Market

7.2.3. France Market

7.2.4. Spain Market

7.2.5. Italy Market

7.2.6. Rest of Europe Market

7.3. Asia Pacific Market

7.3.1. China Market

7.3.2. India Market

7.3.3. Japan Market

7.3.4. Australia Market

- 7.3.5. South Korea Market
- 7.3.6. Rest of APAC Market
- 7.4. Latin America Market
 - 7.4.1. Brazil Market
 - 7.4.2. Mexico Market
 - 7.4.3. Rest of Latin America Market
- 7.5. Middle East & Africa Market
 - 7.5.1. Saudi Arabia Market
 - 7.5.2. South Africa Market
 - 7.5.3. Rest of MEA Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Merck & Co., Inc.
 - 8.1.2. Takeda Pharmaceutical Company Limited
 - 8.1.3. Boehringer Ingelheim International GmbH
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Merck & Co., Inc.
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. Takeda Pharmaceutical Company Limited
 - 8.3.3. Boehringer Ingelheim International GmbH
 - 8.3.4. AstraZeneca PLC
 - 8.3.5. Novartis AG
 - 8.3.6. Sanofi S.A.
 - 8.3.7. Eli Lilly and Company
 - 8.3.8. Glenmark Pharmaceuticals Ltd.
 - 8.3.9. Sun Pharmaceutical Industries Ltd.
 - 8.3.10. LG Chem
 - 8.3.11. Wockhardt Ltd.
 - 8.3.12. Teijin Pharma Ltd.
 - 8.3.13. Hanmi Pharmaceuticals
 - 8.3.14. Jiangsu Hengrui Pharmaceuticals Co., Ltd.
 - 8.3.15. Alkem Laboratories Ltd.

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

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