

D-amino acid - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global D-amino acid Market is accounted for \$148.2 million in 2017 and is expected to reach \$258.8 million by 2026 growing at a CAGR of 6.4% during the forecast period. Rise in production of peptides in pharmaceutical applications, high occurrence of chronic diseases & the need to diagnose such diseases and increasing adoption of advanced technologies are some of the factors driving the market growth. However, increase in the cost of raw materials is restraining the market growth.

D-amino acid plays an important role in vital processes of the human body such as tissue growth, energy production, immune function, and nutrient absorption. D-amino acid is a class of unnatural amino acids. It is an element of natural peptides created primarily by microorganisms, using the non-ribosomal mechanism of synthesis. D-tryptophan is used to produce serotonin that regulates mood, sleep, and human behavior. D-amino acid alleviates weakness, improves athletic performance, and stimulates muscle recovery. It assists in preventing muscle breakdown and preserving lean body mass. D-amino acid also improves mood, boosts exercise performance, prevents muscle loss, and promotes weight loss.

By application, pharmaceutical segment is likely to witness highest share over the forecast period. D-amino acids are mainly employed in physiological and medical applications such as neurotransmission and hormonal regulation. These D-amino based peptides possess producing characteristics and are used in the treatment of Alzheimer's disease and tumors. Demand in usage of peptides in pharmaceutical applications is anticipated to enhance the requirement of D-amino acid.

Based on geography, Asia Pacific is dominating the market during the forecast period. Growth of this market is influenced by the rising use of D-amino acids, presence of huge amount of producers and processors in the pharmaceutical industry. Fast

industrialization and development of pharmaceutical manufacturing and processing plants in China and Japan are projected to drive the demand for D-amino acid in these regions.

Some of the key players profiled in the D-amino acid include Evonik Industries AG, Tokyo Chemical Industry Co, Sekisui Medical Co. Ltd, Kyowa Hakkon Kirin Co. Ltd, Biological E Ltd., AnaSpec, Inc, AstraZeneca plc, IRIS Biotech GmbH, Varsal Chemicals, Sichuan Tongsheng Amino Acid Co., Ltd, Zhangjiagang Huachang Pharmaceutical Co., Central Drug House (P) Ltd and YONEYAMA YAKUHIN KOGYO CO.

Products Covered:

D-Valine

D-Leucine

D-Phenylalanine

D-Alanine

D-Glutamic Acid

D-Tryptophan

D-Methionine

D-Threonine

D-Aspartic Acid

Other Products

Applications Covered:

Cosmetic

Food

Pharmaceutical

Animal Feed

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

WHAT OUR REPORT OFFERS:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL D-AMINO ACID MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 D-Valine
- 5.3 D-Leucine
- 5.4 D-Phenylalanine
- 5.5 D-Alanine
- 5.6 D-Glutamic Acid
- 5.7 D-Tryptophan
- 5.8 D-Methionine
- 5.9 D-Threonine
- 5.10 D-Aspartic Acid
- 5.11 Other Products

6 GLOBAL D-AMINO ACID MARKET, BY APPLICATION

- 6.1 Introduction
- 6.2 Cosmetic
- 6.3 Food & Beverages
- 6.4 Pharmaceutical
- 6.5 Animal Feed
- 6.6 Other Applications

7 GLOBAL D-AMINO ACID MARKET, BY GEOGRAPHY

- 7.1 Introduction
- 7.2 North America
 - 7.2.1 US
 - 7.2.2 Canada
 - 7.2.3 Mexico
- 7.3 Europe
 - 7.3.1 Germany
 - 7.3.2 UK
 - 7.3.3 Italy
 - 7.3.4 France
 - 7.3.5 Spain
 - 7.3.6 Rest of Europe
- 7.4 Asia Pacific
 - 7.4.1 Japan

- 7.4.2 China
- 7.4.3 India
- 7.4.4 Australia
- 7.4.5 New Zealand
- 7.4.6 South Korea
- 7.4.7 Rest of Asia Pacific
- 7.5 South America
 - 7.5.1 Argentina
 - 7.5.2 Brazil
 - 7.5.3 Chile
 - 7.5.4 Rest of South America
- 7.6 Middle East & Africa
 - 7.6.1 Saudi Arabia
 - 7.6.2 UAE
 - 7.6.3 Qatar
 - 7.6.4 South Africa
 - 7.6.5 Rest of Middle East & Africa

8 KEY DEVELOPMENTS

- 8.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 8.2 Acquisitions & Mergers
- 8.3 New Product Launch
- 8.4 Expansions
- 8.5 Other Key Strategies

9 COMPANY PROFILING

- 9.1 Evonik Industries AG
- 9.2 Tokyo Chemical Industry Co
- 9.3 Sekisui Medical Co. Ltd
- 9.4 Kyowa Hakkon Kirin Co. Ltd
- 9.5 Biological E Ltd.
- 9.6 AnaSpec, Inc
- 9.7 AstraZeneca plc
- 9.8 IRIS Biotech GmbH
- 9.9 Varsal Chemicals
- 9.10 Sichuan Tongsheng Amino Acid Co., Ltd
- 9.11 Zhangjiagang Huachang Pharmaceutical Co.

9.12 Central Drug House (P) Ltd

9.13 YONEYAMA YAKUHIN KOGYO CO

List Of Tables

LIST OF TABLES

- Table 1 Global D-amino acid Market Outlook, By Region (2016-2026) (\$MN)
- Table 2 Global D-amino acid Market Outlook, By Product (2016-2026) (\$MN)
- Table 3 Global D-amino acid Market Outlook, By D-Valine (2016-2026) (\$MN)
- Table 4 Global D-amino acid Market Outlook, By D-Leucine (2016-2026) (\$MN)
- Table 5 Global D-amino acid Market Outlook, By D-Phenylalanine (2016-2026) (\$MN)
- Table 6 Global D-amino acid Market Outlook, By D-Alanine (2016-2026) (\$MN)
- Table 7 Global D-amino acid Market Outlook, By D-Glutamic Acid (2016-2026) (\$MN)
- Table 8 Global D-amino acid Market Outlook, By D-Tryptophan (2016-2026) (\$MN)
- Table 9 Global D-amino acid Market Outlook, By D-Methionine (2016-2026) (\$MN)
- Table 10 Global D-amino acid Market Outlook, By D-Threonine (2016-2026) (\$MN)
- Table 11 Global D-amino acid Market Outlook, By D-Aspartic Acid (2016-2026) (\$MN)
- Table 12 Global D-amino acid Market Outlook, By Other Products (2016-2026) (\$MN)
- Table 13 Global D-amino acid Market Outlook, By Application (2016-2026) (\$MN)
- Table 14 Global D-amino acid Market Outlook, By Cosmetic (2016-2026) (\$MN)
- Table 15 Global D-amino acid Market Outlook, By Food (2016-2026) (\$MN)
- Table 16 Global D-amino acid Market Outlook, By Pharmaceutical (2016-2026) (\$MN)
- Table 17 Global D-amino acid Market Outlook, By Animal Feed (2016-2026) (\$MN)
- Table 18 Global D-amino acid Market Outlook, By Other Applications (2016-2026) (\$MN)
- Table 19 North America D-amino acid Market Outlook, By country (2016-2026) (\$MN)
- Table 20 North America D-amino acid Market Outlook, By Product (2016-2026) (\$MN)
- Table 21 North America D-amino acid Market Outlook, By D-Valine (2016-2026) (\$MN)
- Table 22 North America D-amino acid Market Outlook, By D-Leucine (2016-2026) (\$MN)
- Table 23 North America D-amino acid Market Outlook, By D-Phenylalanine (2016-2026) (\$MN)
- Table 24 North America D-amino acid Market Outlook, By D-Alanine (2016-2026) (\$MN)
- Table 25 North America D-amino acid Market Outlook, By D-Glutamic Acid (2016-2026) (\$MN)
- Table 26 North America D-amino acid Market Outlook, By D-Tryptophan (2016-2026) (\$MN)
- Table 27 North America D-amino acid Market Outlook, By D-Methionine (2016-2026) (\$MN)
- Table 28 North America D-amino acid Market Outlook, By D-Threonine (2016-2026) (\$MN)

- Table 29 North America D-amino acid Market Outlook, By D-Aspartic Acid (2016-2026) (\$MN)
- Table 30 North America D-amino acid Market Outlook, By Other Products (2016-2026) (\$MN)
- Table 31 North America D-amino acid Market Outlook, By Application (2016-2026) (\$MN)
- Table 32 North America D-amino acid Market Outlook, By Cosmetic (2016-2026) (\$MN)
- Table 33 North America D-amino acid Market Outlook, By Food (2016-2026) (\$MN)
- Table 34 North America D-amino acid Market Outlook, By Pharmaceutical (2016-2026) (\$MN)
- Table 35 North America D-amino acid Market Outlook, By Animal Feed (2016-2026) (\$MN)
- Table 36 North America D-amino acid Market Outlook, By Other Applications (2016-2026) (\$MN)
- Table 37 Europe D-amino acid Market Outlook, By country (2016-2026) (\$MN)
- Table 38 Europe D-amino acid Market Outlook, By Product (2016-2026) (\$MN)
- Table 39 Europe D-amino acid Market Outlook, By D-Valine (2016-2026) (\$MN)
- Table 40 Europe D-amino acid Market Outlook, By D-Leucine (2016-2026) (\$MN)
- Table 41 Europe D-amino acid Market Outlook, By D-Phenylalanine (2016-2026) (\$MN)
- Table 42 Europe D-amino acid Market Outlook, By D-Alanine (2016-2026) (\$MN)
- Table 43 Europe D-amino acid Market Outlook, By D-Glutamic Acid (2016-2026) (\$MN)
- Table 44 Europe D-amino acid Market Outlook, By D-Tryptophan (2016-2026) (\$MN)
- Table 45 Europe D-amino acid Market Outlook, By D-Methionine (2016-2026) (\$MN)
- Table 46 Europe D-amino acid Market Outlook, By D-Threonine (2016-2026) (\$MN)
- Table 47 Europe D-amino acid Market Outlook, By D-Aspartic Acid (2016-2026) (\$MN)
- Table 48 Europe D-amino acid Market Outlook, By Other Products (2016-2026) (\$MN)
- Table 49 Europe D-amino acid Market Outlook, By Application (2016-2026) (\$MN)
- Table 50 Europe D-amino acid Market Outlook, By Cosmetic (2016-2026) (\$MN)
- Table 51 Europe D-amino acid Market Outlook, By Food (2016-2026) (\$MN)
- Table 52 Europe D-amino acid Market Outlook, By Pharmaceutical (2016-2026) (\$MN)
- Table 53 Europe D-amino acid Market Outlook, By Animal Feed (2016-2026) (\$MN)
- Table 54 Europe D-amino acid Market Outlook, By Other Applications (2016-2026) (\$MN)
- Table 55 Asia Pacific D-amino acid Market Outlook, By country (2016-2026) (\$MN)
- Table 56 Asia Pacific D-amino acid Market Outlook, By Product (2016-2026) (\$MN)
- Table 57 Asia Pacific D-amino acid Market Outlook, By D-Valine (2016-2026) (\$MN)
- Table 58 Asia Pacific D-amino acid Market Outlook, By D-Leucine (2016-2026) (\$MN)
- Table 59 Asia Pacific D-amino acid Market Outlook, By D-Phenylalanine (2016-2026) (\$MN)

Table 60 Asia Pacific D-amino acid Market Outlook, By D-Alanine (2016-2026) (\$MN)

Table 61 Asia Pacific D-amino acid Market Outlook, By D-Glutamic Acid (2016-2026) (\$MN)

Table 62 Asia Pacific D-amino acid Market Outlook, By D-Tryptophan (2016-2026) (\$MN)

Table 63 Asia Pacific D-amino acid Market Outlook, By D-Methionine (2016-2026) (\$MN)

Table 64 Asia Pacific D-amino acid Market Outlook, By D-Threonine (2016-2026) (\$MN)

Table 65 Asia Pacific D-amino acid Market Outlook, By D-Aspartic Acid (2016-2026) (\$MN)

Table 66 Asia Pacific D-amino acid Market Outlook, By Other Products (2016-2026) (\$MN)

Table 67 Asia Pacific D-amino acid Market Outlook, By Application (2016-2026) (\$MN)

Table 68 Asia Pacific D-amino acid Market Outlook, By Cosmetic (2016-2026) (\$MN)

Table 69 Asia Pacific D-amino acid Market Outlook, By Food (2016-2026) (\$MN)

Table 70 Asia Pacific D-amino acid Market Outlook, By Pharmaceutical (2016-2026) (\$MN)

Table 71 Asia Pacific D-amino acid Market Outlook, By Animal Feed (2016-2026) (\$MN)

Table 72 Asia Pacific D-amino acid Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 73 South America D-amino acid Market Outlook, By country (2016-2026) (\$MN)

Table 74 South America D-amino acid Market Outlook, By Product (2016-2026) (\$MN)

Table 75 South America D-amino acid Market Outlook, By D-Valine (2016-2026) (\$MN)

Table 76 South America D-amino acid Market Outlook, By D-Leucine (2016-2026) (\$MN)

Table 77 South America D-amino acid Market Outlook, By D-Phenylalanine (2016-2026) (\$MN)

Table 78 South America D-amino acid Market Outlook, By D-Alanine (2016-2026) (\$MN)

Table 79 South America D-amino acid Market Outlook, By D-Glutamic Acid (2016-2026) (\$MN)

Table 80 South America D-amino acid Market Outlook, By D-Tryptophan (2016-2026) (\$MN)

Table 81 South America D-amino acid Market Outlook, By D-Methionine (2016-2026) (\$MN)

Table 82 South America D-amino acid Market Outlook, By D-Threonine (2016-2026) (\$MN)

Table 83 South America D-amino acid Market Outlook, By D-Aspartic Acid (2016-2026) (\$MN)

Table 84 South America D-amino acid Market Outlook, By Other Products (2016-2026) (\$MN)

Table 85 South America D-amino acid Market Outlook, By Application (2016-2026) (\$MN)

Table 86 South America D-amino acid Market Outlook, By Cosmetic (2016-2026) (\$MN)

Table 87 South America D-amino acid Market Outlook, By Food (2016-2026) (\$MN)

Table 88 South America D-amino acid Market Outlook, By Pharmaceutical (2016-2026) (\$MN)

Table 89 South America D-amino acid Market Outlook, By Animal Feed (2016-2026) (\$MN)

Table 90 South America D-amino acid Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 91 Middle East & Africa D-amino acid Market Outlook, By country (2016-2026) (\$MN)

Table 92 Middle East & Africa D-amino acid Market Outlook, By Product (2016-2026) (\$MN)

Table 93 Middle East & Africa D-amino acid Market Outlook, By D-Valine (2016-2026) (\$MN)

Table 94 Middle East & Africa D-amino acid Market Outlook, By D-Leucine (2016-2026) (\$MN)

Table 95 Middle East & Africa D-amino acid Market Outlook, By D-Phenylalanine (2016-2026) (\$MN)

Table 96 Middle East & Africa D-amino acid Market Outlook, By D-Alanine (2016-2026) (\$MN)

Table 97 Middle East & Africa D-amino acid Market Outlook, By D-Glutamic Acid (2016-2026) (\$MN)

Table 98 Middle East & Africa D-amino acid Market Outlook, By D-Tryptophan (2016-2026) (\$MN)

Table 99 Middle East & Africa D-amino acid Market Outlook, By D-Methionine (2016-2026) (\$MN)

Table 100 Middle East & Africa D-amino acid Market Outlook, By D-Threonine (2016-2026) (\$MN)

Table 101 Middle East & Africa D-amino acid Market Outlook, By D-Aspartic Acid (2016-2026) (\$MN)

Table 102 Middle East & Africa D-amino acid Market Outlook, By Other Products (2016-2026) (\$MN)

Table 103 Middle East & Africa D-amino acid Market Outlook, By Application (2016-2026) (\$MN)

Table 104 Middle East & Africa D-amino acid Market Outlook, By Cosmetic (2016-2026)

(\$MN)

Table 105 Middle East & Africa D-amino acid Market Outlook, By Food (2016-2026)

(\$MN)

Table 106 Middle East & Africa D-amino acid Market Outlook, By Pharmaceutical
(2016-2026) (\$MN)

Table 107 Middle East & Africa D-amino acid Market Outlook, By Animal Feed
(2016-2026) (\$MN)

Table 108 Middle East & Africa D-amino acid Market Outlook, By Other Applications
(2016-2026) (\$MN)

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