

Global D-allo-Threonine Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GA9C2F08FC6CEN.html>

Date: June 2026

Pages: 84

Price: US\$ 3,480.00 (Single User License)

ID: GA9C2F08FC6CEN

Abstracts

According to our (Global Info Research) latest study, the global D-allo-Threonine market size was valued at US\$ 50.83 million in 2025 and is forecast to a readjusted size of US\$ 111 million by 2032 with a CAGR of 11.7% during review period.

D-allo-threonine is a non-natural amino acid; chemically speaking, it is a stereoisomer of threonine. Since the threonine molecule possesses two chiral centers, it gives rise to four distinct stereoisomers, of which D-allo-threonine is one. In the contexts of daily nutrition and biological protein synthesis, L-threonine is the most common and significant form; conversely, D-allo-threonine is not a constituent amino acid of standard proteins and, consequently, does not fall within the category of mainstream amino acid products in the fields of animal feed, food, or nutritional supplements. In 2025, the global production volume of D-allo-threonine reached 190 tons, with a global average price of \$260 per kilogram, while the gross profit margins for major industry players ranged approximately from 35% to 50%.

This report is a detailed and comprehensive analysis for global D-allo-Threonine market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global D-allo-Threonine market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global D-allo-Threonine market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global D-allo-Threonine market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global D-allo-Threonine market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for D-allo-Threonine

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global D-allo-Threonine market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Taizhou Tianhong Biochemical Technology, Zhejiang Lvchuang Biotechnology, Shanghai Yuanju Biotech, Luoyang Huarong Biotechnology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

D-allo-Threonine market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for

consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Chemical Synthesis Method

Enzymatic Catalysis Method

Chiral Resolution Method

Market segment by Purity

98%

99%

>99%

Market segment by Application

Feed Additives

Food Additives

Medicine

Other

Major players covered

Taizhou Tianhong Biochemical Technology

Zhejiang Lvchuang Biotechnology

Shanghai Yuanju Biotech

Luoyang Huarong Biotechnology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe D-allo-Threonine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of D-allo-Threonine, with price, sales quantity, revenue, and global market share of D-allo-Threonine from 2021 to 2026.

Chapter 3, the D-allo-Threonine competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the D-allo-Threonine breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with

sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and D-allo-Threonine market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of D-allo-Threonine.

Chapter 14 and 15, to describe D-allo-Threonine sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global D-allo-Threonine Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Chemical Synthesis Method

1.3.3 Enzymatic Catalysis Method

1.3.4 Chiral Resolution Method

1.4 Market Analysis by Purity

1.4.1 Overview: Global D-allo-Threonine Consumption Value by Purity: 2021 Versus 2025 Versus 2032

1.4.2 98%

1.4.3 99%

1.4.4 >99%

1.5 Market Analysis by Application

1.5.1 Overview: Global D-allo-Threonine Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Feed Additives

1.5.3 Food Additives

1.5.4 Medicine

1.5.5 Other

1.6 Global D-allo-Threonine Market Size & Forecast

1.6.1 Global D-allo-Threonine Consumption Value (2021 & 2025 & 2032)

1.6.2 Global D-allo-Threonine Sales Quantity (2021-2032)

1.6.3 Global D-allo-Threonine Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Taizhou Tianhong Biochemical Technology

2.1.1 Taizhou Tianhong Biochemical Technology Details

2.1.2 Taizhou Tianhong Biochemical Technology Major Business

2.1.3 Taizhou Tianhong Biochemical Technology D-allo-Threonine Product and Services

2.1.4 Taizhou Tianhong Biochemical Technology D-allo-Threonine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.1.5 Taizhou Tianhong Biochemical Technology Recent Developments/Updates
- 2.2 Zhejiang Lvchuang Biotechnology
 - 2.2.1 Zhejiang Lvchuang Biotechnology Details
 - 2.2.2 Zhejiang Lvchuang Biotechnology Major Business
 - 2.2.3 Zhejiang Lvchuang Biotechnology D-allo-Threonine Product and Services
 - 2.2.4 Zhejiang Lvchuang Biotechnology D-allo-Threonine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Zhejiang Lvchuang Biotechnology Recent Developments/Updates
- 2.3 Shanghai Yuanju Biotech
 - 2.3.1 Shanghai Yuanju Biotech Details
 - 2.3.2 Shanghai Yuanju Biotech Major Business
 - 2.3.3 Shanghai Yuanju Biotech D-allo-Threonine Product and Services
 - 2.3.4 Shanghai Yuanju Biotech D-allo-Threonine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Shanghai Yuanju Biotech Recent Developments/Updates
- 2.4 Luoyang Huarong Biotechnology
 - 2.4.1 Luoyang Huarong Biotechnology Details
 - 2.4.2 Luoyang Huarong Biotechnology Major Business
 - 2.4.3 Luoyang Huarong Biotechnology D-allo-Threonine Product and Services
 - 2.4.4 Luoyang Huarong Biotechnology D-allo-Threonine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Luoyang Huarong Biotechnology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: D-ALLO-THREONINE BY MANUFACTURER

- 3.1 Global D-allo-Threonine Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global D-allo-Threonine Revenue by Manufacturer (2021-2026)
- 3.3 Global D-allo-Threonine Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of D-allo-Threonine by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 D-allo-Threonine Manufacturer Market Share in 2025
 - 3.4.3 Top 6 D-allo-Threonine Manufacturer Market Share in 2025
- 3.5 D-allo-Threonine Market: Overall Company Footprint Analysis
 - 3.5.1 D-allo-Threonine Market: Region Footprint
 - 3.5.2 D-allo-Threonine Market: Company Product Type Footprint
 - 3.5.3 D-allo-Threonine Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global D-allo-Threonine Market Size by Region

- 4.1.1 Global D-allo-Threonine Sales Quantity by Region (2021-2032)
- 4.1.2 Global D-allo-Threonine Consumption Value by Region (2021-2032)
- 4.1.3 Global D-allo-Threonine Average Price by Region (2021-2032)

4.2 North America D-allo-Threonine Consumption Value (2021-2032)

4.3 Europe D-allo-Threonine Consumption Value (2021-2032)

4.4 Asia-Pacific D-allo-Threonine Consumption Value (2021-2032)

4.5 South America D-allo-Threonine Consumption Value (2021-2032)

4.6 Middle East & Africa D-allo-Threonine Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global D-allo-Threonine Sales Quantity by Type (2021-2032)

5.2 Global D-allo-Threonine Consumption Value by Type (2021-2032)

5.3 Global D-allo-Threonine Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global D-allo-Threonine Sales Quantity by Application (2021-2032)

6.2 Global D-allo-Threonine Consumption Value by Application (2021-2032)

6.3 Global D-allo-Threonine Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America D-allo-Threonine Sales Quantity by Type (2021-2032)

7.2 North America D-allo-Threonine Sales Quantity by Application (2021-2032)

7.3 North America D-allo-Threonine Market Size by Country

- 7.3.1 North America D-allo-Threonine Sales Quantity by Country (2021-2032)
- 7.3.2 North America D-allo-Threonine Consumption Value by Country (2021-2032)
- 7.3.3 United States Market Size and Forecast (2021-2032)
- 7.3.4 Canada Market Size and Forecast (2021-2032)
- 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe D-allo-Threonine Sales Quantity by Type (2021-2032)

8.2 Europe D-allo-Threonine Sales Quantity by Application (2021-2032)

8.3 Europe D-allo-Threonine Market Size by Country

8.3.1 Europe D-allo-Threonine Sales Quantity by Country (2021-2032)

8.3.2 Europe D-allo-Threonine Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific D-allo-Threonine Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific D-allo-Threonine Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific D-allo-Threonine Market Size by Region

9.3.1 Asia-Pacific D-allo-Threonine Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific D-allo-Threonine Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America D-allo-Threonine Sales Quantity by Type (2021-2032)

10.2 South America D-allo-Threonine Sales Quantity by Application (2021-2032)

10.3 South America D-allo-Threonine Market Size by Country

10.3.1 South America D-allo-Threonine Sales Quantity by Country (2021-2032)

10.3.2 South America D-allo-Threonine Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa D-allo-Threonine Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa D-allo-Threonine Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa D-allo-Threonine Market Size by Country

- 11.3.1 Middle East & Africa D-allo-Threonine Sales Quantity by Country (2021-2032)
- 11.3.2 Middle East & Africa D-allo-Threonine Consumption Value by Country (2021-2032)
- 11.3.3 Turkey Market Size and Forecast (2021-2032)
- 11.3.4 Egypt Market Size and Forecast (2021-2032)
- 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
- 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 D-allo-Threonine Market Drivers
- 12.2 D-allo-Threonine Market Restraints
- 12.3 D-allo-Threonine Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of D-allo-Threonine and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of D-allo-Threonine
- 13.3 D-allo-Threonine Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 D-allo-Threonine Typical Distributors
- 14.3 D-allo-Threonine Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global D-allo-Threonine Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global D-allo-Threonine Consumption Value by Purity, (USD Million), 2021 & 2025 & 2032

Table 3. Global D-allo-Threonine Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Taizhou Tianhong Biochemical Technology Basic Information, Manufacturing Base and Competitors

Table 5. Taizhou Tianhong Biochemical Technology Major Business

Table 6. Taizhou Tianhong Biochemical Technology D-allo-Threonine Product and Services

Table 7. Taizhou Tianhong Biochemical Technology D-allo-Threonine Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Taizhou Tianhong Biochemical Technology Recent Developments/Updates

Table 9. Zhejiang Lvchuang Biotechnology Basic Information, Manufacturing Base and Competitors

Table 10. Zhejiang Lvchuang Biotechnology Major Business

Table 11. Zhejiang Lvchuang Biotechnology D-allo-Threonine Product and Services

Table 12. Zhejiang Lvchuang Biotechnology D-allo-Threonine Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Zhejiang Lvchuang Biotechnology Recent Developments/Updates

Table 14. Shanghai Yuanju Biotech Basic Information, Manufacturing Base and Competitors

Table 15. Shanghai Yuanju Biotech Major Business

Table 16. Shanghai Yuanju Biotech D-allo-Threonine Product and Services

Table 17. Shanghai Yuanju Biotech D-allo-Threonine Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Shanghai Yuanju Biotech Recent Developments/Updates

Table 19. Luoyang Huarong Biotechnology Basic Information, Manufacturing Base and Competitors

Table 20. Luoyang Huarong Biotechnology Major Business

Table 21. Luoyang Huarong Biotechnology D-allo-Threonine Product and Services

Table 22. Luoyang Huarong Biotechnology D-allo-Threonine Sales Quantity (Tons),

Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Luoyang Huarong Biotechnology Recent Developments/Updates

Table 24. Global D-allo-Threonine Sales Quantity by Manufacturer (2021-2026) & (Tons)

Table 25. Global D-allo-Threonine Revenue by Manufacturer (2021-2026) & (USD Million)

Table 26. Global D-allo-Threonine Average Price by Manufacturer (2021-2026) & (US\$/Kg)

Table 27. Market Position of Manufacturers in D-allo-Threonine, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 28. Head Office and D-allo-Threonine Production Site of Key Manufacturer

Table 29. D-allo-Threonine Market: Company Product Type Footprint

Table 30. D-allo-Threonine Market: Company Product Application Footprint

Table 31. D-allo-Threonine New Market Entrants and Barriers to Market Entry

Table 32. D-allo-Threonine Mergers, Acquisition, Agreements, and Collaborations

Table 33. Global D-allo-Threonine Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 34. Global D-allo-Threonine Sales Quantity by Region (2021-2026) & (Tons)

Table 35. Global D-allo-Threonine Sales Quantity by Region (2027-2032) & (Tons)

Table 36. Global D-allo-Threonine Consumption Value by Region (2021-2026) & (USD Million)

Table 37. Global D-allo-Threonine Consumption Value by Region (2027-2032) & (USD Million)

Table 38. Global D-allo-Threonine Average Price by Region (2021-2026) & (US\$/Kg)

Table 39. Global D-allo-Threonine Average Price by Region (2027-2032) & (US\$/Kg)

Table 40. Global D-allo-Threonine Sales Quantity by Type (2021-2026) & (Tons)

Table 41. Global D-allo-Threonine Sales Quantity by Type (2027-2032) & (Tons)

Table 42. Global D-allo-Threonine Consumption Value by Type (2021-2026) & (USD Million)

Table 43. Global D-allo-Threonine Consumption Value by Type (2027-2032) & (USD Million)

Table 44. Global D-allo-Threonine Average Price by Type (2021-2026) & (US\$/Kg)

Table 45. Global D-allo-Threonine Average Price by Type (2027-2032) & (US\$/Kg)

Table 46. Global D-allo-Threonine Sales Quantity by Application (2021-2026) & (Tons)

Table 47. Global D-allo-Threonine Sales Quantity by Application (2027-2032) & (Tons)

Table 48. Global D-allo-Threonine Consumption Value by Application (2021-2026) & (USD Million)

Table 49. Global D-allo-Threonine Consumption Value by Application (2027-2032) &

(USD Million)

Table 50. Global D-allo-Threonine Average Price by Application (2021-2026) & (US\$/Kg)

Table 51. Global D-allo-Threonine Average Price by Application (2027-2032) & (US\$/Kg)

Table 52. North America D-allo-Threonine Sales Quantity by Type (2021-2026) & (Tons)

Table 53. North America D-allo-Threonine Sales Quantity by Type (2027-2032) & (Tons)

Table 54. North America D-allo-Threonine Sales Quantity by Application (2021-2026) & (Tons)

Table 55. North America D-allo-Threonine Sales Quantity by Application (2027-2032) & (Tons)

Table 56. North America D-allo-Threonine Sales Quantity by Country (2021-2026) & (Tons)

Table 57. North America D-allo-Threonine Sales Quantity by Country (2027-2032) & (Tons)

Table 58. North America D-allo-Threonine Consumption Value by Country (2021-2026) & (USD Million)

Table 59. North America D-allo-Threonine Consumption Value by Country (2027-2032) & (USD Million)

Table 60. Europe D-allo-Threonine Sales Quantity by Type (2021-2026) & (Tons)

Table 61. Europe D-allo-Threonine Sales Quantity by Type (2027-2032) & (Tons)

Table 62. Europe D-allo-Threonine Sales Quantity by Application (2021-2026) & (Tons)

Table 63. Europe D-allo-Threonine Sales Quantity by Application (2027-2032) & (Tons)

Table 64. Europe D-allo-Threonine Sales Quantity by Country (2021-2026) & (Tons)

Table 65. Europe D-allo-Threonine Sales Quantity by Country (2027-2032) & (Tons)

Table 66. Europe D-allo-Threonine Consumption Value by Country (2021-2026) & (USD Million)

Table 67. Europe D-allo-Threonine Consumption Value by Country (2027-2032) & (USD Million)

Table 68. Asia-Pacific D-allo-Threonine Sales Quantity by Type (2021-2026) & (Tons)

Table 69. Asia-Pacific D-allo-Threonine Sales Quantity by Type (2027-2032) & (Tons)

Table 70. Asia-Pacific D-allo-Threonine Sales Quantity by Application (2021-2026) & (Tons)

Table 71. Asia-Pacific D-allo-Threonine Sales Quantity by Application (2027-2032) & (Tons)

Table 72. Asia-Pacific D-allo-Threonine Sales Quantity by Region (2021-2026) & (Tons)

Table 73. Asia-Pacific D-allo-Threonine Sales Quantity by Region (2027-2032) & (Tons)

Table 74. Asia-Pacific D-allo-Threonine Consumption Value by Region (2021-2026) & (USD Million)

Table 75. Asia-Pacific D-allo-Threonine Consumption Value by Region (2027-2032) & (USD Million)

Table 76. South America D-allo-Threonine Sales Quantity by Type (2021-2026) & (Tons)

Table 77. South America D-allo-Threonine Sales Quantity by Type (2027-2032) & (Tons)

Table 78. South America D-allo-Threonine Sales Quantity by Application (2021-2026) & (Tons)

Table 79. South America D-allo-Threonine Sales Quantity by Application (2027-2032) & (Tons)

Table 80. South America D-allo-Threonine Sales Quantity by Country (2021-2026) & (Tons)

Table 81. South America D-allo-Threonine Sales Quantity by Country (2027-2032) & (Tons)

Table 82. South America D-allo-Threonine Consumption Value by Country (2021-2026) & (USD Million)

Table 83. South America D-allo-Threonine Consumption Value by Country (2027-2032) & (USD Million)

Table 84. Middle East & Africa D-allo-Threonine Sales Quantity by Type (2021-2026) & (Tons)

Table 85. Middle East & Africa D-allo-Threonine Sales Quantity by Type (2027-2032) & (Tons)

Table 86. Middle East & Africa D-allo-Threonine Sales Quantity by Application (2021-2026) & (Tons)

Table 87. Middle East & Africa D-allo-Threonine Sales Quantity by Application (2027-2032) & (Tons)

Table 88. Middle East & Africa D-allo-Threonine Sales Quantity by Country (2021-2026) & (Tons)

Table 89. Middle East & Africa D-allo-Threonine Sales Quantity by Country (2027-2032) & (Tons)

Table 90. Middle East & Africa D-allo-Threonine Consumption Value by Country (2021-2026) & (USD Million)

Table 91. Middle East & Africa D-allo-Threonine Consumption Value by Country (2027-2032) & (USD Million)

Table 92. D-allo-Threonine Raw Material

Table 93. Key Manufacturers of D-allo-Threonine Raw Materials

Table 94. D-allo-Threonine Typical Distributors

Table 95. D-allo-Threonine Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. D-allo-Threonine Picture

Figure 2. Global D-allo-Threonine Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global D-allo-Threonine Revenue Market Share by Type in 2025

Figure 4. Chemical Synthesis Method Examples

Figure 5. Enzymatic Catalysis Method Examples

Figure 6. Chiral Resolution Method Examples

Figure 7. Global D-allo-Threonine Revenue by Purity, (USD Million), 2021 & 2025 & 2032

Figure 8. Global D-allo-Threonine Revenue Market Share by Purity in 2025

Figure 9. 98% Examples

Figure 10. 99% Examples

Figure 11. >99% Examples

Figure 12. Global D-allo-Threonine Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 13. Global D-allo-Threonine Revenue Market Share by Application in 2025

Figure 14. Feed Additives Examples

Figure 15. Food Additives Examples

Figure 16. Medicine Examples

Figure 17. Other Examples

Figure 18. Global D-allo-Threonine Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 19. Global D-allo-Threonine Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 20. Global D-allo-Threonine Sales Quantity (2021-2032) & (Tons)

Figure 21. Global D-allo-Threonine Price (2021-2032) & (US\$/Kg)

Figure 22. Global D-allo-Threonine Sales Quantity Market Share by Manufacturer in 2025

Figure 23. Global D-allo-Threonine Revenue Market Share by Manufacturer in 2025

Figure 24. Producer Shipments of D-allo-Threonine by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 25. Top 3 D-allo-Threonine Manufacturer (Revenue) Market Share in 2025

Figure 26. Top 6 D-allo-Threonine Manufacturer (Revenue) Market Share in 2025

Figure 27. Global D-allo-Threonine Sales Quantity Market Share by Region (2021-2032)

Figure 28. Global D-allo-Threonine Consumption Value Market Share by Region

(2021-2032)

Figure 29. North America D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 30. Europe D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 31. Asia-Pacific D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 32. South America D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 33. Middle East & Africa D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 34. Global D-allo-Threonine Sales Quantity Market Share by Type (2021-2032)

Figure 35. Global D-allo-Threonine Consumption Value Market Share by Type (2021-2032)

Figure 36. Global D-allo-Threonine Average Price by Type (2021-2032) & (US\$/Kg)

Figure 37. Global D-allo-Threonine Sales Quantity Market Share by Application (2021-2032)

Figure 38. Global D-allo-Threonine Revenue Market Share by Application (2021-2032)

Figure 39. Global D-allo-Threonine Average Price by Application (2021-2032) & (US\$/Kg)

Figure 40. North America D-allo-Threonine Sales Quantity Market Share by Type (2021-2032)

Figure 41. North America D-allo-Threonine Sales Quantity Market Share by Application (2021-2032)

Figure 42. North America D-allo-Threonine Sales Quantity Market Share by Country (2021-2032)

Figure 43. North America D-allo-Threonine Consumption Value Market Share by Country (2021-2032)

Figure 44. United States D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 45. Canada D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 46. Mexico D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 47. Europe D-allo-Threonine Sales Quantity Market Share by Type (2021-2032)

Figure 48. Europe D-allo-Threonine Sales Quantity Market Share by Application (2021-2032)

Figure 49. Europe D-allo-Threonine Sales Quantity Market Share by Country (2021-2032)

Figure 50. Europe D-allo-Threonine Consumption Value Market Share by Country (2021-2032)

Figure 51. Germany D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 52. France D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 53. United Kingdom D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 54. Russia D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 55. Italy D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 56. Asia-Pacific D-allo-Threonine Sales Quantity Market Share by Type (2021-2032)

Figure 57. Asia-Pacific D-allo-Threonine Sales Quantity Market Share by Application (2021-2032)

Figure 58. Asia-Pacific D-allo-Threonine Sales Quantity Market Share by Region (2021-2032)

Figure 59. Asia-Pacific D-allo-Threonine Consumption Value Market Share by Region (2021-2032)

Figure 60. China D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 61. Japan D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 62. South Korea D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 63. India D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 64. Southeast Asia D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 65. Australia D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 66. South America D-allo-Threonine Sales Quantity Market Share by Type (2021-2032)

Figure 67. South America D-allo-Threonine Sales Quantity Market Share by Application (2021-2032)

Figure 68. South America D-allo-Threonine Sales Quantity Market Share by Country (2021-2032)

Figure 69. South America D-allo-Threonine Consumption Value Market Share by Country (2021-2032)

Figure 70. Brazil D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 71. Argentina D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 72. Middle East & Africa D-allo-Threonine Sales Quantity Market Share by Type (2021-2032)

Figure 73. Middle East & Africa D-allo-Threonine Sales Quantity Market Share by Application (2021-2032)

Figure 74. Middle East & Africa D-allo-Threonine Sales Quantity Market Share by Country (2021-2032)

Figure 75. Middle East & Africa D-allo-Threonine Consumption Value Market Share by Country (2021-2032)

Figure 76. Turkey D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 77. Egypt D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 78. Saudi Arabia D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 79. South Africa D-allo-Threonine Consumption Value (2021-2032) & (USD Million)

Figure 80. D-allo-Threonine Market Drivers

Figure 81. D-allo-Threonine Market Restraints

Figure 82. D-allo-Threonine Market Trends

Figure 83. Porters Five Forces Analysis

Figure 84. Manufacturing Cost Structure Analysis of D-allo-Threonine in 2025

Figure 85. Manufacturing Process Analysis of D-allo-Threonine

Figure 86. D-allo-Threonine Industrial Chain

Figure 87. Sales Channel: Direct to End-User vs Distributors

Figure 88. Direct Channel Pros & Cons

Figure 89. Indirect Channel Pros & Cons

Figure 90. Methodology

Figure 91. Research Process and Data Source

I would like to order

Product name: Global D-allo-Threonine Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GA9C2F08FC6CEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA9C2F08FC6CEN.html>