

Global D-allo-Threonine Market Growth 2026-2032

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Abstracts

The global D-allo-Threonine market size is predicted to grow from US\$ 48.33 million in 2025 to US\$ 109 million in 2032; it is expected to grow at a CAGR of 12.4% from 2026 to 2032.

D-allothreonine 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-allothreonine is one. In the contexts of daily nutrition and biological protein synthesis, L-threonine is the most common and significant form; conversely, D-allothreonine 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-allothreonine 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%.

United States market for D-allo-Threonine is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for D-allo-Threonine is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for D-allo-Threonine is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key D-allo-Threonine players cover Taizhou Tianhong Biochemical Technology, Zhejiang Lvchuang Biotechnology, Shanghai Yuanju Biotech, Luoyang Huarong Biotechnology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "D-allo-Threonine Industry Forecast" looks at past sales and reviews total world D-allo-Threonine sales in 2025, providing a comprehensive analysis by region and market sector of projected D-allo-Threonine sales for 2026 through 2032. With D-allo-Threonine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world D-allo-Threonine industry.

This Insight Report provides a comprehensive analysis of the global D-allo-Threonine landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on D-allo-Threonine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global D-allo-Threonine market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for D-allo-Threonine and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global D-allo-Threonine.

This report presents a comprehensive overview, market shares, and growth opportunities of D-allo-Threonine market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Chemical Synthesis Method

Enzymatic Catalysis Method

Chiral Resolution Method

Segmentation by Purity:

98%

99%

>99%

Segmentation by Application:

Feed Additives

Food Additives

Medicine

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Taizhou Tianhong Biochemical Technology

Zhejiang Lvchuang Biotechnology

Shanghai Yuanju Biotech

Luoyang Huarong Biotechnology

Key Questions Addressed in this Report

What is the 10-year outlook for the global D-allo-Threonine market?

What factors are driving D-allo-Threonine market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do D-allo-Threonine market opportunities vary by end market size?

How does D-allo-Threonine break out by Type, by Application?

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