

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market Growth 2023-2029

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Abstracts

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Triacetyl ribose is an important intermediate for the synthesis of capecitabine, and the capecitabine bulk drug can be prepared in three steps through a route reported in the literature. According to reports in the literature, the synthesis of triacetyl ribose is mainly based on the following two methods: one is using 1-methyl-5-deoxyribose as an intermediate, and triacetyl ribose is obtained through a two-step reaction; the second is using 5-deoxy-D -Ribose is an intermediate and triacetyl ribose is obtained by one-step acetylation. According to the synthetic method reported above, the prepared triacetyl ribose is a mixture of ? and ? isomers. The ? isomer participates in the next reaction to prepare capecitabine. The ? isomer is the impurity produced, and the ? is different. The ratio of the structure is 3~30%, and the ratio of the ? isomer will not be higher. The pure ? isomer can be obtained by column chromatography or recrystallization at this isomer ratio.

LPI (LP Information)' newest research report, the "1,2,3-Triacetyl-5-Deoxy-D-Ribose Industry Forecast" looks at past sales and reviews total world 1,2,3-Triacetyl-5-Deoxy-D-Ribose sales in 2022, providing a comprehensive analysis by region and market sector of projected 1,2,3-Triacetyl-5-Deoxy-D-Ribose sales for 2023 through 2029. With 1,2,3-Triacetyl-5-Deoxy-D-Ribose sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 1,2,3-Triacetyl-5-Deoxy-D-Ribose industry.

This Insight Report provides a comprehensive analysis of the global 1,2,3-Triacetyl-5-Deoxy-D-Ribose 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 1,2,3-Triacetyl-5-Deoxy-D-Ribose portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 1,2,3-Triacetyl-5-Deoxy-D-Ribose 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 1,2,3-Triacetyl-5-Deoxy-D-Ribose.

The global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for 1,2,3-Triacetyl-5-Deoxy-D-Ribose is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for 1,2,3-Triacetyl-5-Deoxy-D-Ribose is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for 1,2,3-Triacetyl-5-Deoxy-D-Ribose is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key 1,2,3-Triacetyl-5-Deoxy-D-Ribose players cover AlchemyPharm, Alfa Chemistry, Biosynth Carbosynth, Caming Pharmaceutical, Changzhou Joyous Chemical, Clearsynth, Hefei Home Sunshine Pharmaceutical Technology, Henan Eastar Chem.&Tech and Henan Tianfu Chemical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of 1,2,3-Triacetyl-5-Deoxy-D-Ribose market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Purity 97%

Purity 98%

Purity 99%

Segmentation by application

Medicine

Chemical

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

AlchemyPharm

Alfa Chemistry

Biosynth Carbosynth

Caming Pharmaceutical

Changzhou Joyous Chemical

Clearsynth

Hefei Home Sunshine Pharmaceutical Technology

Henan Eastar Chem.&Tech

Henan Tianfu Chemical

Ivy Fine Chemicals

Jiangxi Chibang Pharmaceutical

Shandong Boyuan Pharmaceutical

Watson

Key Questions Addressed in this Report

What is the 10-year outlook for the global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market?

What factors are driving 1,2,3-Triacetyl-5-Deoxy-D-Ribose market growth, globally and by region?

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

How do 1,2,3-Triacetyl-5-Deoxy-D-Ribose market opportunities vary by end market size?

How does 1,2,3-Triacetyl-5-Deoxy-D-Ribose break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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