

# Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

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.

According to our (Global Info Research) latest study, the global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global 1,2,3-Triacetyl-5-Deoxy-D-Ribose 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 2023, are provided.

## Key Features:

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

## 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 1,2,3-Triacetyl-5-Deoxy-D-Ribose

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 1,2,3-Triacetyl-5-Deoxy-D-Ribose market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AlchemyPharm, Alfa Chemistry, Biosynth Carbosynth, Caming Pharmaceutical and Changzhou Joyous Chemical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

1,2,3-Triacetyl-5-Deoxy-D-Ribose market is split by Type and by Application. For the period 2018-2029, 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

Purity 97%

Purity 98%

Purity 99%

#### Market segment by Application

Medicine

Chemical

Others

#### Major players covered

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

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 1,2,3-Triacetyl-5-Deoxy-D-Ribose product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 1,2,3-Triacetyl-5-Deoxy-D-Ribose, with price, sales, revenue and global market share of 1,2,3-Triacetyl-5-Deoxy-D-Ribose from 2018 to 2023.

Chapter 3, the 1,2,3-Triacetyl-5-Deoxy-D-Ribose competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by

landscape contrast.

Chapter 4, the 1,2,3-Triacetyl-5-Deoxy-D-Ribose breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and 1,2,3-Triacetyl-5-Deoxy-D-Ribose market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of 1,2,3-Triacetyl-5-Deoxy-D-Ribose.

Chapter 14 and 15, to describe 1,2,3-Triacetyl-5-Deoxy-D-Ribose sales channel, distributors, customers, research findings and conclusion.

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