

1,2,3-Triacetyl-5-Deoxy-D-Ribose Market, Global Outlook and Forecast 2022-2028

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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.

This report contains market size and forecasts of 1,2,3-Triacetyl-5-Deoxy-D-Ribose in global, including the following market information:

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five 1,2,3-Triacetyl-5-Deoxy-D-Ribose companies in 2021 (%)

The global 1,2,3-Triacetyl-5-Deoxy-D-Ribose market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Purity 97% Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of 1,2,3-Triacetyl-5-Deoxy-D-Ribose include 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 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the 1,2,3-Triacetyl-5-Deoxy-D-Ribose manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market Segment Percentages, by Type, 2021 (%)

Purity 97%

Purity 98%

Purity 99%

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market Segment Percentages, by Application, 2021 (%)

Medicine

Chemical

Other

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Tons)

Global 1,2,3-Triacetyl-5-Deoxy-D-Ribose Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies 1,2,3-Triacetyl-5-Deoxy-D-Ribose revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies 1,2,3-Triacetyl-5-Deoxy-D-Ribose revenues share in global market, 2021 (%)

Key companies 1,2,3-Triacetyl-5-Deoxy-D-Ribose sales in global market, 2017-2022 (Estimated), (Tons)

Key companies 1,2,3-Triacetyl-5-Deoxy-D-Ribose sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

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

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