

Global Pseudouridine Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G0260568DDF3EN.html>

Date: January 2024

Pages: 111

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

ID: G0260568DDF3EN

Abstracts

According to our (Global Info Research) latest study, the global Pseudouridine market size was valued at USD 91 million in 2023 and is forecast to a readjusted size of USD 701.9 million by 2030 with a CAGR of 33.9% during review period.

Pseudouridine, an isomer of uridine (U), is used as a tumor marker to guide the diagnosis, monitoring and efficacy assessment of malignancies such as lung, breast and liver cancers. Although normal mRNA present in vivo has uridine as one of the four nucleic acid compounds in the sequence, mRNA developed as a therapeutic agent or vaccine is made using a modified nucleic acid (pseudouridine) instead of uridine (and other derivatives). Pseudouridine was originally present in the body as a component, such as tRNA (transfer RNA), which is a type of RNA.

The Pseudouridine industry can be broken down into several segments, Powder, Liquid, etc.

Across the world, the major players cover YAMASA CORPORATION, Biosynth Carbosynth, TriLink BioTechnologies (Maravai LifeSciences), MP Biomedicals, Inc, Thermo Scientific Chemicals, BOC Sciences, Toronto Research Chemical, Wuhan Glycogene, Ulcho Biochemical Ltd (FCAD Group), Wuhan Finetech, etc.

In the global market, the core manufacturers of pseudouridine include YAMASA CORPORATION and Biosynth Carbosynth etc, and the top 2 manufacturers account for about 60% of the market share. The market include North America, Europe and Asia Pacific, with a share of 50%, 35% and 15%. Powder accounted for 90%. The product is mainly used in vaccines and scientific research, with a share of 80% and 20%.

The Global Info Research report includes an overview of the development of the Pseudouridine industry chain, the market status of Vaccine (Powder, Liquid), Scientific Research (Powder, Liquid), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Pseudouridine.

Regionally, the report analyzes the Pseudouridine markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Pseudouridine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Pseudouridine market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Pseudouridine industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Kg), revenue generated, and market share of different by Type (e.g., Powder, Liquid).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Pseudouridine market.

Regional Analysis: The report involves examining the Pseudouridine market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Pseudouridine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Pseudouridine:

Company Analysis: Report covers individual Pseudouridine manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Pseudouridine. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Vaccine, Scientific Research).

Technology Analysis: Report covers specific technologies relevant to Pseudouridine. It assesses the current state, advancements, and potential future developments in Pseudouridine areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Pseudouridine market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Pseudouridine market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Powder

Liquid

Market segment by Application

Vaccine

Scientific Research

Major players covered

YAMASA CORPORATION

Biosynth Carbosynth

TriLink BioTechnologies

MP Biomedicals, Inc

Thermo Scientific Chemicals

BOC Sciences

Toronto Research Chemical

Wuhan Glycogene

Ulcho Biochemical Ltd(FCAD Group)

Wuhan Finetech

Shanghai Hongene Biotech

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 Pseudouridine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Pseudouridine, with price, sales, revenue and global market share of Pseudouridine from 2019 to 2024.

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

Chapter 4, the Pseudouridine breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and Pseudouridine market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Pseudouridine.

Chapter 14 and 15, to describe Pseudouridine sales channel, distributors, customers, research findings and conclusion.

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