

US Phosphoramidite Market Size study, by Type (DNA Phosphoramidites, RNA Phosphoramidites, Labeled Phosphoramidites, Modifier Phosphoramidites, Others) by Application (Drug Discovery & Development, Diagnostics Development, Others) by End-use (Pharmaceutical & Biotechnology Companies, Academic & Research Institutes, Others) Forecasts 2022-2032

<https://marketpublishers.com/r/U2741C579CADEN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: U2741C579CADEN

Abstracts

US Phosphoramidite Market is valued approximately USD 299 million in 2023 and is anticipated to grow with a healthy growth rate of more than 6.99% over the forecast period 2024-2032. Phosphoramidites are chemical compounds used in oligonucleotide synthesis, where they serve as key intermediates for adding nucleotides in a controlled manner. They facilitate the production of DNA and RNA sequences in laboratories, crucial for genetic research, diagnostics, and therapeutics like antisense therapy and gene editing. Phosphoramidites enable efficient and precise synthesis due to their stability and compatibility with automated synthesis systems. Their applications range from creating custom DNA probes to developing novel pharmaceuticals, making them fundamental in biotechnology and molecular biology advancements. Also, the increasing demand for oligonucleotides in molecular diagnostics, gene expression analysis, and therapeutics drives the U.S. phosphoramidite market. These critical components for synthesizing oligonucleotides boost phosphoramidite demand, supporting market growth through heightened R&D and expanding biopharmaceutical applications.

The growth of the Phosphoramidite market in the United States is supported by several

key factors. Firstly, increasing demand from the pharmaceutical and biotechnology industries for synthesizing nucleoside analogs and oligonucleotides drives market expansion. Secondly, advancements in genetic research and personalized medicine bolster the need for custom oligonucleotide synthesis, where Phosphoramidites play a crucial role. Additionally, the rising application of oligonucleotides in diagnostics, therapeutics, and genetic engineering applications further propels market growth. Moreover, ongoing developments in chemical synthesis technologies and increasing investment in research and development activities contribute to the market's expansion. Lastly, favorable government initiatives and policies aimed at promoting biotechnology and pharmaceutical industries in the U.S. provide a supportive regulatory environment for market development. These factors collectively indicate a positive outlook for the Phosphoramidite market in the United States. However, high production costs and limited availability of raw materials are expected to hinder the Europe Phosphoramidite Market growth during the forecast period 2024-2032.

Major market player included in this report are:

Thermo Fisher Scientific Inc.

PolyOrg, Inc

Lumiprobe Corporation

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

DNA Phosphoramidites

RNA Phosphoramidites

Labeled Phosphoramidites

Modifier Phosphoramidites

Others

By Application
Drug Discovery & Development

Diagnostics Development

Others

By End-use
Pharmaceutical & Biotechnology Companies

Academic & Research Institutes

Others

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. US PHOSPHORAMIDITE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. US Phosphoramidite Market Size & Forecast (2022- 2032)
- 2.2. Segmental Summary
 - 2.2.1. By Type
 - 2.2.2. By Application
 - 2.2.3. By End-use
- 2.3. Key Trends
- 2.4. Recession Impact
- 2.5. Analyst Recommendation & Conclusion

CHAPTER 3. US PHOSPHORAMIDITE MARKET DYNAMICS

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. US PHOSPHORAMIDITE MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economic
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. US PHOSPHORAMIDITE MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 5.1. DNA Phosphoramidites
- 5.2. RNA Phosphoramidites
- 5.3. Labeled Phosphoramidites
- 5.4. Modifier Phosphoramidites
- 5.5. Others

CHAPTER 6. US PHOSPHORAMIDITE MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

- 6.1. Drug Discovery & Development

6.2. Diagnostics Development

6.3. Others

CHAPTER 7. US PHOSPHORAMIDITE MARKET SIZE & FORECASTS BY END-USE 2022-2032

7.1. Pharmaceutical & Biotechnology Companies

7.2. Academic & Research Institutes

7.3. Others

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis

8.1.1. Company

8.1.2. Company

8.1.3. Company

8.2. Top Market Strategies

8.3. Company Profiles

8.3.1. Thermo Fisher Scientific Inc.

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Market Strategies

8.3.2. PolyOrg, Inc

8.3.3. Lumiprobe Corporation

8.3.4. Company

8.3.5. Company

8.3.6. Company

8.3.7. Company

8.3.8. Company

8.3.9. Company

8.3.10. Company

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing
- 9.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. US Phosphoramidite market, report scope

TABLE 2. US Phosphoramidite market estimates & forecasts by Type 2022-2032 (USD Million)

TABLE 3. US Phosphoramidite market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 4. US Phosphoramidite market estimates & forecasts by End-use 2022-2032 (USD Million)

TABLE 5. US Phosphoramidite market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. US Phosphoramidite market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. US Phosphoramidite market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. US Phosphoramidite market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. US Phosphoramidite market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. U.S. Phosphoramidite market estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. U.S. Phosphoramidite market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 12. U.S. Phosphoramidite market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 13. List of secondary sources, used in the study of US Phosphoramidite Market.

TABLE 14. List of primary sources, used in the study of US Phosphoramidite Market.

TABLE 15. Years considered for the study.

TABLE 16. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. US Phosphoramidite market, research methodology
- FIG 2. US Phosphoramidite market, market estimation techniques
- FIG 3. US market size estimates & forecast methods.
- FIG 4. US Phosphoramidite market, key trends 2023
- FIG 5. US Phosphoramidite market, growth prospects 2022-2032
- FIG 6. US Phosphoramidite market, porters 5 force model
- FIG 7. US Phosphoramidite market, pestel analysis
- FIG 8. US Phosphoramidite market, value chain analysis
- FIG 9. US Phosphoramidite market by segment, 2022 & 2032 (USD Million)
- FIG 10. US Phosphoramidite market by segment, 2022 & 2032 (USD Million)
- FIG 11. US Phosphoramidite market by segment, 2022 & 2032 (USD Million)
- FIG 12. US Phosphoramidite market by segment, 2022 & 2032 (USD Million)
- FIG 13. US Phosphoramidite market by segment, 2022 & 2032 (USD Million)
- FIG 14. US Phosphoramidite market, company market share analysis (2023)

I would like to order

Product name: US Phosphoramidite Market Size study, by Type (DNA Phosphoramidites, RNA Phosphoramidites, Labeled Phosphoramidites, Modifier Phosphoramidites, Others) by Application (Drug Discovery & Development, Diagnostics Development, Others) by End-use (Pharmaceutical & Biotechnology Companies, Academic & Research Institutes, Others) Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/U2741C579CADEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U2741C579CADEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970