

Drug Modeling Software Market Forecasts to 2028 – Global Analysis By Deployment (On-Premise, Cloud-Based), End User (Research Institutes, Laboratory, Educational Institutes) and By Geography

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Abstracts

According to Statistics MRC, the Global Drug Modeling Software Market is accounted for \$6,707.84 million in 2020 and is expected to reach \$14,483.76 million by 2028 growing at a CAGR of 10.1% during the forecast period. Factors such as increasing prevalence of various lifestyle diseases, advancement of information technology, and rising expenditure on healthcare are driving the growth of the market. However, stringent regulations associated with the development and testing of drugs are hampering the growth of the market.

Drug modeling software is used to develop new pharmaceutical drugs and test whether it is effective in treating a particular disease. It is an essential tool in the drug design process as it provides insights of experimental findings and mechanisms of action.

Based on the application, the drug discovery and development segment is anticipated to expand at a rapid pace during the forecast period owing to the need for better therapeutic agents for different diseases. By geography, North America is going to have high growth during the forecast period which can be attributed to the availability of high end technologies and modern infrastructure which helps in carrying out drug modeling effectively.

Some of the key players profiled in the Drug Modeling Software Market include Schrodinger, Inc., Biognos Ab, Crown Bioscience Inc, Acellera Ltd, Dassault Systemes , Chemical Computing Group Ulc, Genedata Ag , Nimbus Therapeutics, Leadscope Inc, and Compugen Ltd.

Deployments Covered:

On-Premise

Cloud-Based

Products Covered:

Software

Database

Applications Covered:

Drug Discovery and Development

Simulation Software

Disease Modeling

Predictive Analysis of Drug Targets

Computational Physiological Medicine

Cellular Simulation

Medical Imaging

End Users Covered:

Research Institutes

Laboratory

Educational Institutes

Regions Covered:**North America**

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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