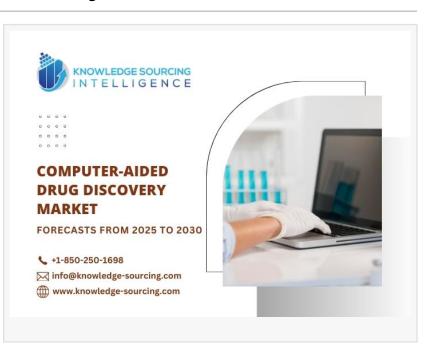# Computer-Aided Drug Discovery Market projected to achieve a CAGR of 11.59% to reach US$10.306 billion by 2030

The computer-aided drug discovery market is anticipated to grow at a CAGR of 11.59% from US$5.955 billion in 2025 to US$10.306 billion by 2030.

NEW YORK, NY, UNITED STATES, April 22, 2025 /EINPresswire.com/ -- According to a new study published by Knowledge Sourcing Intelligence, the [computer-aided drug discovery market](#) is projected to grow at a CAGR of 11.59% between 2025 and 2030 to reach US$10.306 billion by 2030.

KNOWLEDGE SOURCING INTELLIGENCE

COMPUTER-AIDED DRUG DISCOVERY MARKET

FORECASTS FROM 2025 TO 2030

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The increasing demand for efficient and cost-effective drug development processes is driving the growth of this market. CADD technology has revolutionized the [drug discovery](#) process by reducing the time and cost involved in developing new drugs.

> " The computer-aided drug discovery market is anticipated to grow at a CAGR of 11.59% from US$5.955 billion in 2025 to US$10.306 billion by 2030."
>
> *Knowledge Sourcing Intelligence*

CADD involves the use of computational methods and software to design and analyze potential drug candidates. This technology has significantly improved the success rate of drug discovery and development, as it allows for the identification of potential drug candidates with higher accuracy and efficiency. The growing prevalence of chronic diseases and the need for new and effective treatments are fueling the demand for CADD in the pharmaceutical industry.

The report also highlights the increasing adoption of CADD by biotechnology and pharmaceutical companies, as well as academic and research institutions. The availability of advanced software and tools, along with the integration of artificial intelligence

and [machine learning](#), has further enhanced the capabilities of CADD. This has led to a rise in collaborations and partnerships between pharmaceutical companies and CADD service providers, driving the market growth.

The Asia Pacific region is expected to witness the highest growth in the CADD market, owing to the increasing investments in research and development activities and the presence of a large number of pharmaceutical companies in countries like China and India. North America is currently the largest market for CADD, followed by Europe.

As the demand for new and effective drugs continues to rise, the computer-aided drug discovery market is expected to witness significant growth in the coming years. The advancements in technology and the increasing collaborations between pharmaceutical companies and CADD service providers are expected to further drive the market. With the potential to revolutionize the drug discovery process, CADD is set to play a crucial role in the development of new treatments for various diseases.

Access sample report or view details: https://www.knowledge-sourcing.com/report/computer-aided-drug-discovery-market

As a part of the report, the major players operating in the computer-aided drug discovery market that have been covered are Aragen Life Sciences Pvt. Ltd., Bioduro-Sundia, BOC Sciences, Aris Pharmaceuticals, Inc., AstraZeneca, Schrödinger, Inc., Bayer AG, Charles River Laboratories, among others.

The market analytics report segments the computer-aided drug discovery market as follows:

• By Type

o Structure-Based Drug Design
o Ligand-Based Drug Design
o Sequence-Based Approaches

• By Therapeutic Area

o Oncology
o Neurology
o Cardiovascular Disease
o Respiratory Disease
o Others

• By End User

o Pharmaceutical Companies

o   Biotechnology Companies
o   Research Laboratories

• By Geography

• North America

o   USA
o   Canada
o   Mexico

• South America

o   Brazil
o   Argentina
o   Rest of South America

• Europe

o   United Kingdom
o   Germany
o   France
o   Italy
o   Spain
o   Rest of Europe

• Middle East and Africa

o   Saudi Arabia
o   UAE
o   Rest of the Middle East and Africa

• Asia Pacific

o   China
o   India
o   Japan
o   South Korea
o   Taiwan
o   Thailand
o   Indonesia
o   Rest of Asia-Pacific

Companies Profiled:

- Aragen Life Sciences Pvt. Ltd.
- Bioduro-Sundia
- BOC Sciences
- Aris Pharmaceuticals, Inc.
- AstraZeneca
- Schrödinger, Inc.
- Bayer AG
- Charles River Laboratories
- Albany Molecular Research Inc. (Curia Global, Inc.)
- Insilico Medicine

Reasons for Buying this Report:-

- Insightful Analysis: Gain detailed market insights covering major as well as emerging geographical regions, focusing on customer segments, government policies and socio-economic factors, consumer preferences, industry verticals, other sub-segments.
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- Market Drivers & Future Trends: Explore the dynamic factors and pivotal market trends and how they will shape future market developments.
- Actionable Recommendations: Utilize the insights to exercise strategic decision to uncover new business streams and revenues in a dynamic environment.
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- Historical data from 2022 to 2024 & forecast data from 2025 to 2030
- Growth Opportunities, Challenges, Supply Chain Outlook, Regulatory Framework, Customer Behaviour, and Trend Analysis
- Competitive Positioning, Strategies, and Market Share Analysis
- Revenue Growth and Forecast Assessment of segments and regions including countries
- Company Profiling (Strategies, Products, Financial Information, and Key Developments among others)

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About Us

Knowledge Sourcing Intelligence (KSI) is a market research and intelligence provider that uses a combination of quantitative and qualitative research techniques to deliver comprehensive, in-depth insights to clients. Our approach to market research is centered around the concept of 'Knowledge Sourcing' - the process of gathering data and insights from multiple sources to create a comprehensive and well-rounded picture of the market. KSI's core services include market intelligence, competitive intelligence, customer intelligence, and product intelligence. KSI's approach to market research is designed to help clients make informed decisions, identify opportunities, and gain a better understanding of their target markets. By using a combination of primary and secondary research techniques, we provide clients with detailed insights into current market trends, customer profiles, competitor analysis, and product performance. KSI's market research and intelligence services enable clients to make informed decisions, develop strategic plans, and identify areas of opportunity.

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