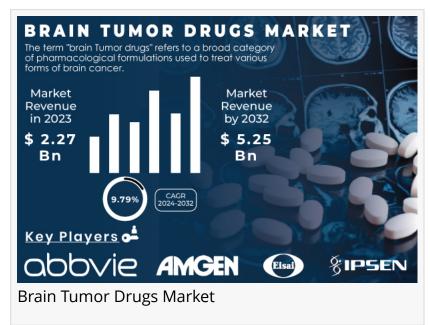


Brain Tumor Drugs Market to Reach USD 5.25 Billion by 2032, Driven by Advances in Targeted Therapies and Immunotherapies

Increasing demand for personalized treatment approaches & the growing prevalence of brain tumors are key drivers of the brain tumor drugs market's rapid growth.

AUSTIN, TX, UNITED STATES, November 26, 2024 /EINPresswire.com/ -- The <u>Brain Tumor Drugs Market</u> was esteemed at USD 2.27 billion in 2023 and is projected to reach USD 5.25 billion by 2032, growing at a compound annual growth rate of 9.79% during the forecast period from 2024 to 2032.



This growth is primarily attributed to significant advancements in targeted therapies, immunotherapies, and chemotherapy, along with the rising incidence of brain tumors globally. As personalized medicine continues to evolve, more precise and effective treatments are being developed, which significantly boosts market potential.

Overview of the Brain Tumor Drugs Market

The Brain Tumor Drugs Market has witnessed significant advancements in recent years, driven by the increasing global prevalence of brain tumors and a growing demand for novel treatment options. Brain tumors, including glioblastoma, meningioma, and pituitary tumors, remain one of the most challenging areas in oncology, given their complex pathology and the limited success of conventional treatments like surgery and radiation therapy. The market is experiencing substantial growth due to the development of cutting-edge therapies, including targeted therapy, immunotherapy, and chemotherapy.

The demand for brain tumor drugs is largely influenced by the increasing awareness of the disease, advancements in diagnostic tools, and the high unmet need for effective treatment options. With the emergence of precision medicine and improved molecular understanding, the

focus has shifted to developing therapies that target specific molecular mutations. These targeted treatments aim to inhibit the growth of tumor cells while minimizing damage to healthy brain tissue, offering better outcomes and fewer side effects compared to traditional treatments.

Moreover, the market is benefiting from the expansion of healthcare infrastructure, especially in developing regions, which is improving access to specialized treatments. Increased research and clinical trials are also accelerating the discovery of new drug candidates for brain tumor treatment. Furthermore, the launch of biosimilars and generic drugs is enhancing market competition, contributing to the affordability of treatments.

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Key Players: DAbbVie Inc. Amgen Inc. AstraZeneca Bayer AG Bristol-Myers Squibb Eisai Co., Ltd. Eli Lilly and Company Hoffmann-La Roche Ltd Ipsen Biopharmaceuticals, Inc. Johnson & Johnson Merck & Co, Inc. Novartis AG Pfizer Inc Sanofi SA

Segment Analysis

By Therapy Types Immunotherapy Chemotherapy Targeted Therapy Other

Immunotherapy dominated the segment in the brain tumor drug market. It is gaining prominence due to its ability to harness the body's immune system to fight brain tumor cells more effectively. This segment is expected to grow at a significant rate as new immunotherapies continue to be developed and approved. Immunotherapy held a market share of 35.0% in 2023, and its dominance is projected to increase with the growing success of immune checkpoint

inhibitors and other immunomodulatory agents.

Chemotherapy remains one of the most commonly used treatment options for brain tumors. However, due to its systemic side effects and limited efficacy in certain brain tumor types, its growth rate is slower compared to immunotherapy. Chemotherapy accounts for approximately 30% of the market share, but it is likely to experience slow growth in the coming years due to increasing preference for targeted therapies.

By Indication Glioblastoma Meningioma Pituitary Tumors Other

Glioblastoma is one of the most aggressive and common types of brain cancer, contributing significantly to the demand for brain tumor drugs. It dominated the market with a share of approximately 45.0% in 2023, due to its high prevalence and the need for advanced treatment options. The growth of this segment is driven by the increasing number of diagnosed cases and the ongoing development of new therapeutic agents.

Meningioma is the second most common brain tumor and accounts for about 20% of the market. Though it is generally slow-growing and less aggressive than glioblastoma, the increasing incidence of meningiomas is pushing the demand for treatments.

By Distribution Channels IRetail Pharmacy IHospital Pharmacy IOther

Retail pharmacies accounted for the largest distribution share, with approximately 40.0% of the market in 2023. This is due to the ease of access to prescription drugs through retail pharmacies, especially for non-hospitalized patients or those requiring ongoing maintenance therapies.

Hospital pharmacies are expected to experience steady growth due to the increasing number of brain tumor patients treated in hospital settings, where advanced therapies and specialized care are available.

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Regional Analysis

North America:

North America dominated the Brain Tumor Drugs Market, accounting for a significant share of the global market in 2023. This dominance is driven by the high prevalence of brain tumors, advanced healthcare infrastructure, and the presence of key pharmaceutical companies engaged in the development of innovative brain tumor therapies. The U.S., in particular, is a major player, with numerous ongoing clinical trials and regulatory approvals driving market growth. Key companies in this region, such as Eli Lilly, Merck & Co., and Novartis, are actively involved in the development of novel treatments. North America is expected to maintain its lead due to continued investments in research and development.

Europe:

Europe is projected to be the fastest-growing region in the Brain Tumor Drugs Market. The region has a robust healthcare system and increasing access to advanced therapies. Germany, the U.K., and France are significant contributors to market growth due to their strong medical research and oncology capabilities. The European Medicines Agency (EMA) has approved several brain tumor drugs, further boosting treatment availability. Companies like Roche and AstraZeneca are expanding their reach in Europe, focusing on targeted therapies and immunotherapies. The rising awareness about brain tumor treatments in this region is expected to drive sustained market expansion.

Recent Developments

August 2024: The FDA approved a new brain cancer drug targeting the IDH mutation, a breakthrough discovery made at the Johns Hopkins Kimmel Cancer Center. This approval marks a significant advancement in targeted treatments for brain cancer patients.

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