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# Global KRAS Inhibitors Market, Drug Sales, Patent, Price & Clinical Trials Insight 2030

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## Abstracts

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Global KRAS Inhibitors Market, Drug Sales, Patent, Price & Clinical Trials Insight 2030 Report Findings & Highlights:

Research Methodology

Global & Regional Market Trends Insight

First KRAS Inhibitor Drug Approved In 2021

Global KRAS Market Opportunity To Surpass US$ 2 Billion By 2030

KRAS Inhibitors Market Absolute Growth: >400% Since First Drug Approval

Approved KRAS Inhibitors Drugs: 4 Drugs

Approved Drugs Dosage, Price & Sales Insight

Insight On More Than 80 Drugs In Clinical Trials

KRAS Inhibitor Clinical Trials Insight By Country, Company, Indication & Phase

The global market for KRAS inhibitors has seen substantial growth in recent years, largely due to the heightened awareness of KRAS mutations as significant contributors

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to cancer development in various solid tumors, including lung, colorectal, and pancreatic cancers. KRAS, an essential gene that regulates cell proliferation, has historically posed a challenge as a therapeutic target because of its intricate biology and its function in supporting tumor survival. Nevertheless, advancements in molecular biology and the creation of targeted therapies have led to the emergence of KRAS inhibitors as a promising category of medications.

A pivotal moment in the KRAS inhibitor market occurred in 2021 with the approval of Lumakras for the treatment of non-small cell lung cancer (NSCLC), representing a significant breakthrough for patients with KRAS G12C mutations. This approval heralded a new phase in targeted cancer therapies, followed by the authorization of Krazati in 2022, and Dupert and Anfangning in 2024 for NSCLC, thereby broadening the treatment landscape for patients with this particular genetic alteration. In 2024 and 2025, the market continued to expand, with both Krazati and Lumakras receiving additional approvals for colorectal cancer (CRC).

At present, more than 80 KRAS inhibitors are in various stages of clinical trials, including Roche’s Divarasib, which is currently in Phase 3 trials, and Jacobio Pharma's Glecirasib (JAB-21822), which is undergoing registrational trials in China. The ongoing development of these agents highlights the extensive potential of KRAS inhibitors in addressing a range of malignancies, with numerous clinical trials exploring their use in combination with other cancer treatments, such as chemotherapy, immunotherapy, and targeted therapies. The approval and growing utilization of KRAS inhibitors emphasize their importance in oncology, especially for cancers that have few treatment alternatives and poor outcomes.

Lung cancer, especially non-small cell lung cancer (NSCLC), continues to be the primary focus of research on KRAS inhibitors, with many clinical trials investigating KRAS G12C mutations. Nonetheless, colorectal and pancreatic cancers are also critical areas of study, as KRAS mutations are commonly observed in these types of cancer. The therapeutic potential of KRAS inhibitors extends beyond these malignancies, with ongoing investigations into their effectiveness against other cancers, such as ovarian, brain, and endometrial cancers. Consequently, the global market for KRAS inhibitors is anticipated to broaden, encompassing a wider variety of cancer types, fueled by increasing clinical evidence that supports the efficacy of these treatments across diverse tumor types.

KRAS inhibitors primarily target specific mutations in the KRAS gene, with G12C, G12V, and G12D being the most prevalent. These mutations play a significant role in the oncogenic activation of KRAS, making it an important target for therapeutic strategies. While traditional KRAS inhibitors have focused on either the active or inactive states of the KRAS protein, the emergence of next-generation inhibitors capable of targeting both the “ON” and “OFF” states of KRAS has created new therapeutic possibilities. An

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example of such an inhibitor is BBO-8520 from BridgeBio Oncology Therapeutics, which covalently binds to both the active and inactive forms of KRAS G12C, effectively preventing effector binding and inhibiting KRAS function. Preclinical studies indicate that BBO-8520 demonstrates greater potency, more profound tumor responses, and a delay in resistance compared to standard KRAS G12C inhibitors, positioning it as a promising option to address the limitations of existing therapies.

Looking ahead, the global market for KRAS inhibitors is set for significant growth as an increasing number of inhibitors advance through clinical trials and receive regulatory approval. Ongoing investigations into combination therapies are expected to broaden the range of treatment options available, targeting various KRAS mutation subtypes and extending to other cancers beyond non-small cell lung cancer (NSCLC). Furthermore, the emergence of more international partnerships and collaborations will likely enhance global access to these vital treatments, thereby benefiting a larger segment of cancer patients. Nevertheless, challenges such as high treatment costs, issues related to accessibility, and the necessity for continued research into long-term efficacy and safety must be addressed to ensure the market's sustainable development.

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