

# **Global Artemisinin Acid Market Size study, by Type (Antimalarial Injections, Antimalarial Tablets) and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Artemisinin Acid Market is valued approximately at USD 0.72 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.24% over the forecast period 2024-2032. Artemisinin acid, a vital precursor to artemisinin, lies at the heart of one of the most effective antimalarial therapies known to modern medicine. Derived either from the *Artemisia annua* plant or biosynthetically via engineered yeast strains, artemisinin acid serves as a strategic molecule in combating *Plasmodium falciparum*—the deadliest strain of malaria. The global market for artemisinin acid has evolved into a mission-critical component of global healthcare strategies in malaria-endemic regions, bridging the gap between natural extraction constraints and scalable pharmaceutical synthesis.

As global health authorities intensify their eradication efforts against malaria, demand for artemisinin-based combination therapies (ACTs) continues to surge. This demand surge has made artemisinin acid indispensable to the supply chain. In tandem with this trend, biotechnology breakthroughs in semi-synthetic production methods have dramatically enhanced yield, cost efficiency, and manufacturing scalability. Pharmaceutical manufacturers and public-private partnerships alike are capitalizing on these advancements to meet the growing treatment needs, particularly in Africa and Southeast Asia. Nevertheless, production remains tethered to challenges such as fluctuating agricultural yields, limited supplier diversification, and quality control complexities—posing critical hurdles for long-term market stability.

Moreover, market participants are navigating a dynamic pricing environment driven by the dual forces of donor funding and national procurement programs. While the semi-synthetic route offers promising consistency and cost control, its integration into large-

scale manufacturing remains resource-intensive. Companies are actively exploring next-generation synthesis methods to reduce environmental impact and regulatory bottlenecks, aligning with broader ESG (Environmental, Social, and Governance) goals. As innovations continue to push the technological frontier, the market is also witnessing an uptick in interest from generic drug manufacturers aiming to enter the antimalarial space via API partnerships centered on artemisinic acid.

Regionally, the market reveals a layered global footprint. Sub-Saharan Africa remains the primary demand center due to its high malaria burden, supported by international aid and governmental health policies focused on ACT procurement. Meanwhile, Asia Pacific—particularly countries like India, Vietnam, and Indonesia—exhibits significant manufacturing capacity and growing domestic demand for artemisinin-derived treatments. North America and Europe, while representing modest consumption, play pivotal roles in research, funding, and strategic production partnerships. In Latin America and the Middle East, ongoing malaria containment programs are gradually expanding the scope for artemisinic acid applications, particularly as part of preventative strategies in vulnerable populations.

**Major market player included in this report are:**

Sanofi S.A.

Ipca Laboratories Ltd.

Guilin Pharmaceutical Co., Ltd.

Cipla Limited

Calyx Chemicals & Pharmaceuticals Ltd.

Novartis AG

Zhuhai Rundu Pharmaceutical Co., Ltd.

KPC Pharmaceuticals, Inc.

Zydus Lifesciences Ltd.

Mediplantex

Hubei Gedian Humanwell Pharmaceutical Co., Ltd.

BrightGene Bio-Medical Technology Co., Ltd.

Kanion Pharmaceutical Co., Ltd.

Bharat Pharmaceuticals

Chongqing Holley Pharmaceutical Co., Ltd.

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

By Type

Antimalarial Injections

Antimalarial Tablets

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

### **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 regional 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.

### **Companies Mentioned**

Sanofi S.A.

Ipca Laboratories Ltd.

Guilin Pharmaceutical Co., Ltd.

Cipla Limited

Calyx Chemicals & Pharmaceuticals Ltd.

Novartis AG

Zhuhai Rundu Pharmaceutical Co., Ltd.

KPC Pharmaceuticals, Inc.

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