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Global PDE-4 Inhibitors Market Growth 2026-2032

https://marketpublishers.com/r/GC4630260880EN.html
Date: October 2026
Pages: 119
Price: US$ 3,660.00 (Single User License)
ID: GC4630260880EN

Abstracts

The global PDE-4 Inhibitors market size is predicted to grow from US$ 5250 million in 2025 to US$ 7115 million in 2032; it is expected to grow at a CAGR of 4.5% from 2026 to 2032.

PDE-4 inhibitors are primarily used in the treatment of inflammatory and immune-mediated diseases, such as asthma, chronic obstructive pulmonary disease (COPD), psoriasis, and rheumatoid arthritis. Their development and production rely heavily on high-purity active pharmaceutical ingredients (APIs), such as apremilast and roflumilast, with upstream raw materials mainly supplied by fine chemical manufacturers and specialized API producers from Europe, the US, and India. The manufacturing process also requires excipients such as lactose, microcrystalline cellulose, hydroxypropyl methylcellulose, and magnesium stearate to ensure drug stability and bioavailability.

Downstream customers are concentrated among pharmaceutical companies, hospitals, specialty clinics, and retail pharmacies, spanning from prescription-driven markets in developed countries to public healthcare systems in emerging economies. Since PDE-4 inhibitors are often prescribed for long-term use to maintain therapeutic benefits, demand is characterized by large patient populations and extended treatment cycles, placing high requirements on manufacturers' supply reliability. Moreover, with the ongoing expansion of therapeutic indications, several companies are actively promoting PDE-4 inhibitors in dermatology and rheumatology, providing new drivers for diversified market growth.

In 2024, the global average price of PDE-4 inhibitors is approximately USD 25.4 per unit (with "unit" referring to one oral tablet or one injectable), with total sales reaching about 202 million units.

United States market for PDE-4 Inhibitors is estimated to increase from US$ million in

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2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for PDE-4 Inhibitors is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for PDE-4 Inhibitors is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key PDE-4 Inhibitors players cover Amgen, Pfizer, AstraZeneca, Anacor Pharmaceuticals, Glenmark Pharmaceuticals, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “PDE-4 Inhibitors Industry Forecast” looks at past sales and reviews total world PDE-4 Inhibitors sales in 2025, providing a comprehensive analysis by region and market sector of projected PDE-4 Inhibitors sales for 2026 through 2032. With PDE-4 Inhibitors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world PDE-4 Inhibitors industry.

This Insight Report provides a comprehensive analysis of the global PDE-4 Inhibitors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PDE-4 Inhibitors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global PDE-4 Inhibitors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PDE-4 Inhibitors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PDE-4 Inhibitors.

This report presents a comprehensive overview, market shares, and growth opportunities of PDE-4 Inhibitors market by product type, application, key manufacturers and key regions and countries.

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Market Segmentation

Segmentation by Type:

Apremilast

Crisaborole

Roflumilast

Others

Segmentation by Application:

Hospital

Clinic

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

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- Japan
- Korea
- Southeast Asia
- India
- Australia

Europe

- Germany
- France
- UK
- Italy
- Russia

Middle East & Africa

- Egypt
- South Africa
- Israel
- Turkey
- GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

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Amgen

Pfizer

AstraZeneca

Anacor Pharmaceuticals

Glenmark Pharmaceuticals

Bristol Myers Squibb

OriFarm

Kohl Medical

Paranova

Torrent Pharmaceuticals

Arcutis Biotherapeutics

MSN Laboratories

Viatris

CSPC Ouyi Pharmaceutical

Key Questions Addressed in this Report

What is the 10-year outlook for the global PDE-4 Inhibitors market?

What factors are driving PDE-4 Inhibitors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PDE-4 Inhibitors market opportunities vary by end market size?

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How does PDE-4 Inhibitors break out by Type, by Application?

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