

# **Piperazine Market Size, Share & Trend Analysis Report, By Source (Natural, Synthetic), By End-use (Pharmaceutical, Agrochemicals, Personal Care & Cosmetics), By Region (North America, Europe, APAC), And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

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### **Piperazine Market Growth & Trends**

The global piperazine market size is anticipated to reach USD 4,024 million by 2030 and is projected to grow at a CAGR of 4.1% from 2025 to 2030, according to a new report by Grand View Research, Inc. This is attributable to its wide use in pharmaceuticals (antiparasitic drugs, etc.), agrochemicals (herbicides, pesticides), and various chemical processes.

The demand for synthetic piperazine is rising due to its crucial role in manufacturing various pharmaceuticals, including antiparasitic drugs and some antipsychotics. Its use as a key intermediate in producing agrochemicals like herbicides and pesticides also fuels market growth, driven by increasing agricultural needs. Furthermore, synthetic piperazine's applications extend to diverse chemical industries, where it's used in making polymers, resins, and other materials. This versatility across multiple sectors, coupled with increasing health concerns and agricultural demands, is driving the expansion of the synthetic piperazine industry.

The agrochemicals industry relies heavily on piperazine due to its essential role in synthesizing various crop protection chemicals. As a key building block, piperazine contributes to the effectiveness of herbicides that control weeds, pesticides that combat insects, and fungicides that prevent fungal diseases. The increasing global population, coupled with the need for higher crop yields to meet food demands, necessitates the widespread use of these agrochemicals. This, in turn, fuels the

demand for piperazine as a vital raw material in their production.

The demand for piperazine in North America is on the rise, fueled by a confluence of factors. The region's robust pharmaceutical sector heavily relies on piperazine for synthesizing various medications, including antiparasitic drugs, contributing significantly to its demand. Simultaneously, the thriving agricultural sector depends on piperazine-derived agrochemicals like herbicides and pesticides to safeguard crops and ensure food security, further driving its consumption.

Some of the prominent players in the Piperazine industry include Evonik Industries, Solvay S.A., Dow, ExxonMobil Corporation, BASF SE, Albemarle Corporation, Shell, and Huntsman Corporation.

#### Piperazine Market Report Highlights

The natural segment is expected to grow at the fastest CAGR of 4.2% during the forecast period. The demand for natural piperazine is growing due to increasing consumer preference for bio-based and sustainable products in various applications.

Based on end use, the pharmaceutical segment is expected to grow at the fastest CAGR of 4.6% during the forecast period. Piperazine demand in the pharmaceutical sector is growing due to its crucial role in synthesizing various drugs, including antiparasitic medications, antihistamines, and antipsychotics. The increasing prevalence of parasitic infections and mental health disorders further fuels this demand.

North America is expected to grow at the fastest CAGR of 4.4% during the forecast period. This growth is attributed to the region's strong pharmaceutical and agrochemical sectors, where it's crucial for drug synthesis and pesticide production. In addition, a growing chemical industry and increasing health awareness further contribute to the demand.

In January 2023, BASF SE acquired Pharmacy Laboratories, a Chinese manufacturer of piperazine and other pharmaceutical intermediates, for USD 30 million. The acquisition helped BASF to expand its presence in the Chinese market and increase its product portfolio in the piperazine segment.

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