

# Global Melphalan Hydrochloride for Injection Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G99CB43BE963EN.html>

Date: April 2026

Pages: 97

Price: US\$ 3,480.00 (Single User License)

ID: G99CB43BE963EN

## Abstracts

According to our (Global Info Research) latest study, the global Melphalan Hydrochloride for Injection market size was valued at US\$ 1091 million in 2025 and is forecast to a readjusted size of US\$ 1484 million by 2032 with a CAGR of 4.5% during review period.

Melphalan hydrochloride for injection is a nitrogen mustard alkylating agent antitumor drug, supplied as a lyophilized powder for injection, used in conjunction with a special diluent. It inhibits tumor cell proliferation by forming DNA cross-links and is suitable for routine intravenous treatment of multiple myeloma and advanced ovarian cancer, as well as high-dose chemotherapy combined with hematopoietic stem cell transplantation for neuroblastoma in children.

The upstream industry mainly includes manufacturers of melphalan active pharmaceutical ingredients (APIs), suppliers of pharmaceutical excipients (solvents such as citrate and propylene glycol), and manufacturers of lyophilization equipment and packaging materials such as vials. The downstream industry covers oncology hospitals, hematology clinics, and stem cell transplantation centers, achieving clinical application through distribution by pharmaceutical companies and hospital procurement. The global price of melphalan hydrochloride for injection is \$972 per vial, with annual sales of approximately 1.09 million vials and a global annual production capacity of 1.5 million vials. The industry profit margin is 30%.

The global market for injectable melphalan hydrochloride is poised for a dual-track development pattern: expansion into specialized high-dose applications and generic substitution. Clinically, high-dose melphalan combined with autologous stem cell

transplantation has become the standard treatment for AL amyloidosis, multiple myeloma, and neuroblastoma. The EHA-ISA working group continues to update clinical guidelines to optimize patient selection and supportive care. Technologically, formulation innovation focuses on improving drug stability and reducing toxicity, with liposomes and nanodelivery systems becoming hot research areas. Regarding generic substitution, the first generic drug was approved in 2009, and there are currently 17 active pharmaceutical ingredient (API) suppliers globally. Patent expiration drives cost optimization, intensifying market competition. The development of tumor-specific targeted derivatives guided by precision medicine is becoming a new drug development direction. Through prodrug design, selective activation of the tumor microenvironment can be achieved to reduce serious adverse reactions such as myelosuppression.

This report is a detailed and comprehensive analysis for global Melphalan Hydrochloride for Injection market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Melphalan Hydrochloride for Injection market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Melphalan Hydrochloride for Injection market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Melphalan Hydrochloride for Injection market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Melphalan Hydrochloride for Injection market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Melphalan Hydrochloride for Injection

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Melphalan Hydrochloride for Injection market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include CASI Pharmaceuticals, Hulyu Pharmaceutical, Tosun Pharm, Mingjile Pharmaceutical, Arthur Pharma, Meitheal Pharmaceuticals, Fresenius Kabi, Apotex, Avenacy, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Melphalan Hydrochloride for Injection market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Original Drug

Generic Drug

Market segment by Combination Therapy Regimen

Monotherapy

Combination Chemotherapy

## Market segment by Dosage Duration

Short Infusion

Long Infusion

## Market segment by Application

Hospital

Clinic

Others

## Major players covered

CASI Pharmaceuticals

Hulyu Pharmaceutical

Tosun Pharm

Mingjile Pharmaceutical

Arthur Pharma

Meitheal Pharmaceuticals

Fresenius Kabi

Apotex

Avenacy

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Melphalan Hydrochloride for Injection product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Melphalan Hydrochloride for Injection, with price, sales quantity, revenue, and global market share of Melphalan Hydrochloride for Injection from 2021 to 2026.

Chapter 3, the Melphalan Hydrochloride for Injection competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Melphalan Hydrochloride for Injection breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Melphalan Hydrochloride for Injection market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Melphalan Hydrochloride for Injection.

Chapter 14 and 15, to describe Melphalan Hydrochloride for Injection sales channel, distributors, customers, research findings and conclusion.

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