

D-chiro-Inositol (CAS 643-12-9) Market Research Report 2025

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Abstracts

D-chiro-Inositol (CAS 643-12-9) Market Research Report 2025 presents comprehensive data on D-Inositol markets globally and regionally (Europe, Asia, North America etc.)

The report includes D-Inositol description, covers its application areas and related patterns. It overviews D-Inositol market, names D-Inositol producers and indicates its suppliers.

Besides, the report provides D-Inositol prices in regional markets.

In addition to the above the report determines D-Inositol consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

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market news digest

market forecast.

D-chiro-Inositol (CAS 643-12-9) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that D-chiro-Inositol (CAS 643-12-9) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name:	D-Inositol
CAS#:	643-12-9
Formula:	$C_6H_{12}O_6$
Molecular Weight:	180.16

D-chiro-Inositol (DCI) is known as a substance in the cell membrane that is used in the fat transportation from the liver. D-chiro-Inositol refers to the B vitamin family. The product exists as an off-white solid with the molecular formula $C_6H_{12}O_6$ and the molecular weight 180.15. The product has a melting point of 230 °C, flashpoint of 143.4°C and boiling point 291.3°C.

D-chiro-Inositol occurs in foods, including wheat germ, legumes, liver, brown rice, oats, peanuts, buckwheat, etc. D-chiro-Inositol is made using only water and ethanol. The substance promotes a sense of well-being and improves appetite. Moreover, the product is effective in treating polycystic ovary syndrome and depression. DCI increases cellular insulin sensitivity, fertility, low progesterone levels; improves ovulation frequency; reduces LDL cholesterol, serum insulin levels, raised serum androgens, plasma triglyceride levels and glycosylated haemoglobin.

Irritation of eyes, skin, the digestive and the respiratory tract is amid potential health effects produced by D-chiro-Inositol. Its toxicological properties have not been fully investigated.

D-chiro-Inositol market is covered in the study D-chiro-Inositol (CAS 643-12-9) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks D-chiro-Inositol market situation, names manufacturers, suppliers as well as users. The report also provides current D-chiro-Inositol prices in the market.

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