

# Global 1,4,7,10-Tetraazacyclododecane (Cyclen) Market Outlook 2017-2022

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## Abstracts

Cyclen or 1,4,7,10-tetraazacyclododecane is a macrocycle and the aza analogue of the crown ether 12-crown-4. Derivatives of cyclen are larger cyclic polyamines but the repeating unit (ethyleneimine,  $-\text{CH}_2\text{CH}_2\text{NH}-$ ) is always the same. Like crown ethers, cyclen compounds are capable of selectively binding cations. They are used as a ligand in chemistry for instance with chemicals used in MRI contrast agents.

The report covers forecast and analysis for the cyclen market on a global and regional level. The study provides historic data of 2012-2016 along with a forecast from 2017 to 2022 based on both volumes and revenue. The study includes drivers and restraints for the cyclen market along with the impact they have on the demand over the forecast period. Additionally, the report includes the study of opportunities available in the cyclen market on a global level.

The report has been prepared based on the synthesis, analysis, and interpretation of information about the global cyclen market collected from specialized sources. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. Company overview, financial overview, product portfolio, new project launched, recent development analysis are the parameters included in the profile.

The study provides a decisive view on the cyclen market by segmenting the market based on applications. All the application segments have been analyzed based on present and future trends and the market is estimated from 2017 to 2022.

## Key Applications

## MRI Contrast Agents

ProHance

Gadavist

Dotarem

Others

## Key Regions

North America

Europe

Asia Pacific

## Key Vendors

Guerbet

Bayer Vital

Bracco

Bolon

Hubei Tianshu

Heryi Pharma

Taicang Qianjing

Chem Stone

Nanhua

Xiamen Huasing

## Key Questions Answered in this Report

What will the market size be in 2022?

What are the key factors driving the global cyclen market?

What are the challenges to market growth?

Who are the key players in the cyclen market?

What are the market opportunities and threats faced by the key players?

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