

# Global CNS Specific Antisense Oligonucleotides Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

Antisense oligonucleotides are single-stranded oligodeoxynucleotides that can alter the RNA and modify protein expression. These oligonucleotides were discovered to influence RNA processing. Subsequent chemical modifications of antisense oligonucleotides were used to address issues such as off-target toxic effects and insufficient biological activity. These modifications led to an improved mechanism of antisense oligonucleotides and clinical trial design. This paved the way toward translating their use into therapies for various genetic and neurological conditions. Antisense oligonucleotides mediated therapies target the source of pathogenesis and have higher chance of success as compared to therapies that target downstream pathways. These are drugs for the treatment of central nervous system (CNS) disorders, as they have specific molecular targeting and extended pharmacological properties.

According to our (Global Info Research) latest study, the global CNS Specific Antisense Oligonucleotides market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global CNS Specific Antisense Oligonucleotides market. Both quantitative and qualitative analyses are presented by company, 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 2023, are provided.

#### Key Features:

Global CNS Specific Antisense Oligonucleotides market size and forecasts, in consumption value (\$ Million), 2018-2029

Global CNS Specific Antisense Oligonucleotides market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global CNS Specific Antisense Oligonucleotides market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global CNS Specific Antisense Oligonucleotides market shares of main players, in revenue (\$ Million), 2018-2023

#### 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 CNS Specific Antisense Oligonucleotides

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 CNS Specific Antisense Oligonucleotides market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Akcea Therapeutics, Inc., Ionis Pharmaceuticals Inc., Biogen Inc., Sarepta Therapeutics and Wave Life Sciences Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

#### Market segmentation

CNS Specific Antisense Oligonucleotides market is split by Type and by Application. For

the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Polyneuropathy Treatment

Spinal Muscular Atrophy (SMA) Treatment

Huntington's Disease Treatment

#### Market segment by Application

Hospital Pharmacies

Retail Pharmacies

Online Pharmacies

#### Market segment by players, this report covers

Akcea Therapeutics, Inc.

Ionis Pharmaceuticals Inc.

Biogen Inc.

Sarepta Therapeutics

Wave Life Sciences Ltd.

Dynacure

ProQR Therapeutics N.V.

Stroke Therapeutic Inc.

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe CNS Specific Antisense Oligonucleotides product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of CNS Specific Antisense Oligonucleotides, with revenue, gross margin and global market share of CNS Specific Antisense Oligonucleotides from 2018 to 2023.

Chapter 3, the CNS Specific Antisense Oligonucleotides competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023. and CNS Specific Antisense Oligonucleotides market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of CNS Specific Antisense Oligonucleotides.

Chapter 13, to describe CNS Specific Antisense Oligonucleotides research findings and conclusion.

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