

# Global Chiral Chemicals Market is Projected to Reach US\$ 254 billion by 2022

*Companies are now developing and upgrading basic molecules for wide ranging applications and to bring into focus chiral technologies for clinical cures.*

HYDERABAD, TELANGANA, INDIA, April 14, 2017 /EINPresswire.com/ -- [RI Technologies'](#) exclusive market research report on [Chiral Chemicals](#) covers the methods of preparation and separation of chiral substances and the

various applications of Chiral Chemicals in the market. The Methods of preparation and separation of chiral chemicals include Traditional, Asymmetric, Biological and Other methods (such as Membrane Separation Methods, Chiral Discriminators etc). Traditional methods include Diastereomeric Crystallization, Chromatography and Chiral Pool. Asymmetric methods include Synthesis and



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*Anasuya Vemuri*

Catalysis. Biological methods include Bio-catalysis and Kinetic Resolution. The Application areas covered include Pharmaceutical, Agrochemical, Flavors/Fragrances and Other Applications (such as Chromatography, Synthons etc). The report provides an in depth analysis of each of the methods and application areas by their respective categories. The study includes estimates and projections for the total global Chiral Technologies market and also key regional markets that include North America, Europe, Asia-Pacific, and Rest of World.

Chiral technology has made tremendous progress so much so that it can now be developed with ease. This has been made

easier with the increase in chiral analytical techniques that are capable of differentiating between enantiomers either during development of the drug or while monitoring its results in the body. There has been an increased demand for chiral drugs at the expense of achiral ones. For this reason, it is essential to understand how drug chirality affects its interactions with drug targets. By doing so, it would be easy to describe drugs using their correct nomenclature as well as different natural factors that affect those interactions.

The importance of chiral drugs and particularly single-isomers for the pharmaceutical industry is evident from the increased potency of drugs, combined with better efficiency and selectivity. Chiral technology is gaining importance in manufacturing processes of pharmaceutical intermediaries, because of its ability to generate optically active compounds useful for biotechnology, and organic synthesis. The technology is also being used for developing electronic materials.

Today synthetic and chiral drugs are commercially available. However, many of these chiral drugs are racemic mixtures. It is important for a chiral drug to be present in a pure therapeutically active form so

as to avoid the possibility of any untoward effects. Therefore there is an urgency to develop a suitable technology for the analysis and separation of racemic drugs. The most important use of chiral technology is in its application in chiral drugs.

Chiral Chemicals report is an ideal research tool providing strategic business intelligence to the corporate sector. This report may help strategists, investors, laboratories, pharmaceutical companies, contract research organizations, biotechnology companies and drug approval authorities in --

- \_ Gauging Competitive Intelligence
- \_ Identifying Key Growth Areas and Opportunities
- \_ Understanding Geographic Relevance to Product
- \_ Knowing Regional Market Sizes and Growth Opportunities and Restraints
- \_ Keeping Tab on Emerging Technologies
- \_ Equity Analysis
- \_ Tapping New Markets

Analytics and Data Presented in this Report Pertain to Several Parameters Such as –

- \_ Global And Regional Market Sizes, Market Shares, Market Trends
- \_ Product (Global And Regional) Market Sizes, Market Shares, Market Trends
- \_ Technology Trends
- \_ Corporate Intelligence
- \_ Key Companies By Sales, Brands, Products
- \_ Consumer Behavioral Patterns
- \_ Other Strategic Business Affecting Data

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RI Technologies' Market Insight Reports are designed and compiled to customer requirements. These reports will help in learning strategic information, checking out the competition, and gaining meaningful insights into the market. Preparedness for any market entry helps in winning and reduces chances of losing. Benchmarks can be created to measure growth and progress. You can gauge how

well you are doing, raise your own standards, and lead your company to sustained growth. Explore Market Opportunities, Gain Market Insights!

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