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Global FPR2 Ligand for Research Use Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global FPR2 Ligand for Research Use market size was valued at US$ 130 million in 2025 and is forecast to a readjusted size of US$ 359 million by 2032 with a CAGR of 16.0% during review period.

The gross profit margin of the FPR2 Ligand for Research Use industry is 50%-70%.

N-formyl peptide receptor 2 (FPR2, also often referred to as FPR2/ALX) ligands are molecules that can specifically bind to the FPR2 receptor and initiate or block its signal transduction. FPR2 belongs to the G protein-coupled receptor (GPCR) family, and its ligands have a very diverse source and structure, including endogenous inflammatory mediators (such as lipoxygenin and resolving agents), various peptides/proteins, and synthetic small molecules and tool peptides.

From the perspective of 'raw materials and manufacturing routes,' FPR2 ligands can be broadly divided into three categories: Peptides (such as WKYMVm, WRW4, PBP10, etc.) mainly rely on solid-phase peptide synthesis (SPPS), with raw materials primarily consisting of amino acid monomers, resins, coupling reagents, and a large amount of organic solvents. Costs are typically determined by sequence length, the difficulty of synthesis due to hydrophobicity, and purification/analysis (HPLC, MS) and purity level (research grade vs. GMP). This category generally exhibits a cost structure of 'scalable but with a high proportion of purification.' In contrast, lipid mediators (such as LXA4, RvD1) commonly suffer from unstable chemical structures, complex stereo/geometric isomers, and high requirements for purification and preservation. Therefore, 'effective yield + quality control' often drives up unit costs and frequently requires supply chain conditions such as low temperature, light protection, and antioxidants.

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For proteins/large peptides (such as Annexin A1 or its fragments/peptides), cost depends more on the recombinant expression system/purification process or the difficulty of peptide synthesis. The overall conclusion is that, under the same quality requirements of 'high purity, traceability, and low endotoxin,' lipid mediators are usually the most expensive and sensitive to storage and transportation; protein costs fluctuate the most (strongly correlated with the process); and short peptide costs are relatively controllable but significantly dependent on purification and scale-up processes.

This report is a detailed and comprehensive analysis for global FPR2 Ligand for Research Use 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 2025, are provided.

Key Features:

Global FPR2 Ligand for Research Use market size and forecasts, in consumption value ($ Million), 2021-2032

Global FPR2 Ligand for Research Use market size and forecasts by region and country, in consumption value ($ Million), 2021-2032

Global FPR2 Ligand for Research Use market size and forecasts, by Type and by Application, in consumption value ($ Million), 2021-2032

Global FPR2 Ligand for Research Use market shares of main players, in revenue ($ Million), 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 FPR2 Ligand for Research Use
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 FPR2 Ligand for Research Use market based on the following parameters - company overview, revenue, gross margin, product

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portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bio-Techne, Abcam, Enzo Life Sciences, MedChemExpress, Anaspec, Merck, Discoverx, BioGems, GenScript Company, Alomone Labs, etc.

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

Market segmentation

FPR2 Ligand for Research Use 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Endogenous Ligands

Exogenous Ligands

Market segment by Molecular Type

Lipid Mediators

Peptides

Proteins

Small Molecule Synthetic Compounds

Market segment by Pharmacological Action

Agonists

Antagonists

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Market segment by Application

Pharmaceutical Company

Universities and Research Institutes

Others

Market segment by players, this report covers

Bio-Techne

Abcam

Enzo Life Sciences

MedChemExpress

Anaspec

Merck

Discoverx

BioGems

GenScript Company

Alomone Labs

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 and Rest of Asia-Pacific)
South America (Brazil, Rest of South America)
Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

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

Chapter 1, to describe FPR2 Ligand for Research Use product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of FPR2 Ligand for Research Use, with revenue, gross margin, and global market share of FPR2 Ligand for Research Use from 2021 to 2026.

Chapter 3, the FPR2 Ligand for Research Use 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 by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026.and FPR2 Ligand for Research Use market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of FPR2 Ligand for Research Use.

Chapter 13, to describe FPR2 Ligand for Research Use research findings and conclusion.

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