

# Interleukin 8 receptor antagonists - Pipeline Insight, 2022

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## Abstracts

This report can be delivered to the clients within 2-3 Business Days

DelveInsight's, "Interleukin 8 receptor antagonists - Pipeline Insight, 2022" report provides comprehensive insights about 5+ companies and 6+ pipeline drugs in Interleukin 8 receptor antagonists pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

### Geography Covered

Global coverage

### Interleukin 8 receptor antagonists Understanding

#### Interleukin 8 receptor antagonists: Overview

Interleukin-8 (CXCL8) was the first member to be identified of this new family of proinflammatory chemokines that now constitute over 45 members. Chemokines produce their biological effects by interacting with greater than 18 G protein coupled cell surface receptors. A few chemokines bind selectively to a single receptor but other chemokines bind to more than one receptor. CXCL8 belongs to a subgroup of chemokines known as ELR+ chemokines because of the Glu4-Leu5-Arg6 amino acid sequence between positions 4 and 6. Interleukin-8 is a key mediator associated with inflammation where it plays a key role in neutrophil recruitment and neutrophil

degranulation. Interleukin-8 secretion is increased by oxidant stress, which thereby cause the recruitment of inflammatory cells and induces a further increase in oxidant stress mediators, making it a key parameter in localized inflammation. IL-8 was shown to be associated with obesity.

## Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Interleukin 8 receptor antagonists R&D. The therapies under development are focused on novel approaches for Interleukin 8 receptor antagonists.

## Interleukin 8 receptor antagonists Emerging Drugs Chapters

This segment of the Interleukin 8 receptor antagonists report encloses its detailed analysis of various drugs in different stages of clinical development, including phase III, II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

## Interleukin 8 receptor antagonists Emerging Drugs

### Ladarixin: Dompe Farmaceutici

Ladarixin is an investigational, oral, small-molecule that functions as a non-competitive, dual allosteric inhibitor of CXCL8 (IL-8) receptors, CXCR1 and CXCR2. By blocking CXCR1/2 receptors, Ladarixin may prevent inflammation- and immune system-mediated destruction of  $\beta$ -cells in pancreatic islets that is a hallmark of T1D. CXCR1/2 inhibition has been shown to prevent and to reverse T1D in mice

### AZD 5069: AstraZeneca

AZD5069 is a potent (IC<sub>50</sub> 0.79nM), CXCR2 selective (>150-fold less potent at CXCR1 and CCR2b receptors; no effect on C5a, LTB<sub>4</sub> or fMLP induced CD11b expression), reversible (but time and temperature dependent) antagonist of the human CXCR2 receptor.

Further product details are provided in the report.....

## Interleukin 8 receptor antagonists: Therapeutic Assessment

This segment of the report provides insights about the different Interleukin 8 receptor antagonists drugs segregated based on following parameters that define the scope of the report, such as:

### Major Players working on Interleukin 8 receptor antagonists

There are approx. 5+ key companies which are developing the Interleukin 8 receptor antagonists. The companies which have their Interleukin 8 receptor antagonists drug candidates in the most advanced stage, i.e. Phase III include, Dompe Farmaceutici.

### Phases

DelveInsight's report covers around 6+ products under different phases of clinical development like

Late-stage products (Phase III and

Mid-stage products (Phase II and

Early-stage products (Phase I/II and Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Interleukin 8 receptor antagonists pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Infusion

Intradermal

Intramuscular

Intranasal

Intravaginal

Oral

Parenteral

Subcutaneous

Topical

Molecule Type

Products have been categorized under various Molecule types such as

Vaccines

Monoclonal Antibody

Peptides

Polymer

Small molecule

Product Type

Drugs have been categorized under various product types like Mono, Combination and Mono/Combination.

## Interleukin 8 receptor antagonists: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase III, II, I, preclinical and discovery stage. It also analyses Interleukin 8 receptor antagonists therapeutic drugs key players involved in developing key drugs.

### Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging Interleukin 8 receptor antagonists drugs.

## Interleukin 8 receptor antagonists Report Insights

- Interleukin 8 receptor antagonists Pipeline Analysis

- Therapeutic Assessment

- Unmet Needs

- Impact of Drugs

## Interleukin 8 receptor antagonists Report Assessment

- Pipeline Product Profiles

- Therapeutic Assessment

- Pipeline Assessment

- Inactive drugs assessment

- Unmet Needs

## Key Questions

## Current Scenario and Emerging Therapies:

How many companies are developing Interleukin 8 receptor antagonists drugs?

How many Interleukin 8 receptor antagonists drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Interleukin 8 receptor antagonists?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Interleukin 8 receptor antagonists therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for Interleukin 8 receptor antagonists and their status?

What are the key designations that have been granted to the emerging drugs?

## Key Players

Dompe Farmaceutici

AstraZeneca

Syntrix Biosystems

Ligand Pharmaceuticals

Aristea Therapeutics

Corvus Pharmaceuticals

## Key Products

Ladarixin

AZD 5069

SX 682

Reparixin

Navarixin

RIST 4721

CPI 182

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Interleukin 8 receptor antagonists – DelveInsight's Analytical Perspective

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Drug profiles in the detailed report.....

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