

P selectin inhibitors - Pipeline Insight, 2022

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Abstracts

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DelveInsight's, "P selectin inhibitors - Pipeline Insight, 2022" report provides comprehensive insights about 8+ companies and 8+ pipeline drugs in P selectin inhibitors 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

P selectin inhibitors Understanding

P selectin inhibitors: Overview

P-Selectin (CD62P), previously termed PADGEM or GMP-140, is a single chain glycoprotein of 140 kDa expressed in platelets and endothelial cells. In platelets, P-selectin is stored in α granules, whereas in endothelial cells it is found in Weibel–Palade bodies. P-selectin mediates the rolling of blood cells on the surface of the endothelium and initiates the attachment of leukocytes circulating in the blood to platelets, endothelial cells, and other leukocytes at sites of tissue injury and inflammation. P-selectin plays a key role in diseases associated with injury and arterial thrombosis. Increased expression of P-selectin is observed in coronary artery disease, acute myocardial infarction, stroke, and peripheral artery diseases. Increased level of sP-selectin and elevated P-selectin expression may be good markers of some types of

carcinoma, such as neoplastic pulmonary diseases, breast, renal, and colon cancer, and blood cancer. P-selectin inhibition with protein therapeutics such as antibodies or soluble ligands given intravenously can decrease thrombosis in a mouse ligation model of venous thrombosis. Inhibition of P-selectin and P-selectin glycoprotein ligand-1 (PSGL-1) play a key role in proliferation of Multiple myeloma.

Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence P selectin inhibitors R&D. The therapies under development are focused on novel approaches for P selectin inhibitors.

P selectin inhibitors Emerging Drugs Chapters

This segment of the P selectin inhibitors 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.

P selectin inhibitors Emerging Drugs

DSTAT: Chimerix

DSTAT (dociparstat sodium) is an intravenous formulation of chemically modified heparin with very low anticoagulant activity. DSTAT targets key protein pathways important for AML blast cell migration to the bone marrow and retention of these cells in the marrow where they are protected from chemotherapy. DSTAT (CX-01) also binds with proteins involved in chemotherapy resistance and the delay in platelet recovery after chemotherapy. DSTAT is in Phase III clinical trial studies for the treatment of AML. DSTAT has received Fast Track and Orphan Drug Designations from the U.S. Food and Drug Administration for the treatment of AML. In July 2019, Chimerix announced the completion of an exclusive worldwide license of DSTAT from Cantex Pharmaceuticals.

Inclacumab: Global Blood Therapeutics

Inclacumab is a novel, fully human monoclonal antibody designed to inhibit P-selectin. It

is in development for SCD patients with frequent pain crises, also known as vaso-occlusive crises (VOCs). P-selectin inhibition is clinically validated to reduce VOCs, a complication of SCD. We have an exclusive worldwide licensing agreement with Roche for inclacumab. In July 2018, Global Blood Therapeutics received exclusive worldwide rights, and sublicensing rights, to develop, manufacture, and commercialize Roche's Inclacumab.

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

P selectin inhibitors: Therapeutic Assessment

This segment of the report provides insights about the different P selectin inhibitors drugs segregated based on following parameters that define the scope of the report, such as:

Major Players working on P selectin inhibitors

There are approx. 8+ key companies which are developing the P selectin inhibitors. The companies which have their P selectin inhibitors drug candidates in the most advanced stage, i.e. Phase III include, Chimerix.

Phases

DelveInsight's report covers around 8+ 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

P selectin inhibitors 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.

P selectin inhibitors: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase III, II, I, preclinical and discovery stage. It also analyses P selectin inhibitors 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 P selectin inhibitors drugs.

P selectin inhibitors Report Insights

P selectin inhibitors Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

P selectin inhibitors 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 P selectin inhibitors drugs?

How many P selectin inhibitors drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for P selectin inhibitors?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the P selectin inhibitors 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 P selectin inhibitors and their status?

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

Key Players

Chimerix

Novartis

GlycoMimetics

Modus Therapeutics

Global Blood Therapeutics

Suzhou Ronnsi Pharma

Key Products

DSTAT

Crizanlizumab

Rivipansel

Sevuparin

Inclacumab

Depolymerised holothurian glycosaminoglycan

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Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Pre-clinical and Discovery Stage Products

Comparative Analysis

Depolymerised holothurian glycosaminoglycan: Suzhou Ronnsi Pharma

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

Comparative Analysis

P selectin inhibitors Key Companies

P selectin inhibitors Key Products

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