

West Syndrome - Pipeline Insight, 2021

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Abstracts

This report can be delivered to the clients within 24 Hours

DelveInsight's, "West Syndrome - Pipeline Insight, 2021," report provides comprehensive insights about 5+ companies and 5+ pipeline drugs in West Syndrome 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

West Syndrome Understanding

West Syndrome: Overview

West syndrome is a constellation of symptoms characterized by epileptic/infantile spasms, abnormal brain wave patterns called hypsarrhythmia and intellectual disability. The spasms that occur may range from violent jackknife or "salaam" movements where the whole body bends in half, or they may be no more than a mild twitching of the shoulder or eye changes. These spasms usually begin in the early months after birth and can sometimes be helped with medication.

Epileptic spasms are characterized by involuntary muscle spasms that occur due to episodes of uncontrolled electrical disturbances in the brain (seizures). Infants with West syndrome also have very abnormal electroencephalogram (EEG) with high

amplitude, chaotic spike wave patterns (hypsarrhythmia).

Any disorder that can lead to brain damage can be an underlying cause of West syndrome including trauma, brain malformations such as hemimegalencephaly or cortical dysplasia, infections, chromosomal abnormalities such as Down syndrome, neurocutaneous disorders such as tuberous sclerosis complex (TSC), Sturge Weber syndrome, incontinentia pigmenti, different metabolic/genetic diseases such as pyridoxine deficiency, non-ketotic hyperglycemia, maple syrup urine disorder, phenylketonuria, mitochondrial encephalopathies and biotinidase deficiency, Otahara's syndrome, and an abnormality (mutation) in the ARX gene or CDKL5 gene located on the X chromosome.

Report Highlights

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

West Syndrome Emerging Drugs Chapters

This segment of the West Syndrome 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.

West Syndrome Emerging Drugs

JBPOS0101: Bio-Pharm Solutions

Bio-Pharm Solutions is developing JBPOS0101 for the treatment of Infantile Spasms. It is currently in Phase II stage of development and acts as antagonists of Metabotropic glutamate receptor 7, Metabotropic glutamate receptor type 1.

Tricaprilin: Cerecin

Cerecin is developing Tricaprilin for the treatment of Infantile Spasms. It is currently in

Phase I stage of development.

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

West Syndrome: Therapeutic Assessment

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

Major Players working on West Syndrome

There are approx. 5+ key companies which are developing the West Syndrome. The companies which have their West Syndrome drug candidates in the most advanced stage, i.e. Phase II include, Bio-Pharm Solutions.

Phases

DelveInsight's report covers around 5+ products under different phases of clinical development like

Late-stage products (Phase III)

Mid-stage products (Phase II)

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

West Syndrome 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.

West Syndrome: Pipeline Development Activities

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

West Syndrome Report Insights

- West Syndrome Pipeline Analysis

- Therapeutic Assessment

- Unmet Needs

- Impact of Drugs

West Syndrome 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 West Syndrome drugs?

How many West Syndrome drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for West Syndrome?

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

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

Key Players

Cerecin

Bio-Pharm Solutions

Ovid Therapeutics

Key Products

Tricaprilin

JBPOS0101

OV329

Contents

- Introduction
- Executive Summary
- West Syndrome: Overview
 - Structure
 - Mechanism of Action
- Pipeline Therapeutics
 - Comparative Analysis
- Therapeutic Assessment
 - Assessment by Product Type
 - Assessment by Stage and Product Type
 - Assessment by Route of Administration
 - Assessment by Stage and Route of Administration
 - Assessment by Molecule Type
 - Assessment by Stage and Molecule Type
- Late Stage Products (Phase III)
 - Comparative Analysis
- Drug Name: Company Name
 - Product Description
 - Research and Development
 - Product Development Activities
- Drug profiles in the detailed report.....
- Mid Stage Products (Phase II)
 - Comparative Analysis
- JBPOS0101: Bio-Pharm Solutions
 - Product Description
 - Research and Development
 - Product Development Activities
- Drug profiles in the detailed report.....
- Early Stage Products (Phase I)
 - Comparative Analysis
- Tricaprilin: Cerecin
 - Product Description
 - Research and Development
 - Product Development Activities
- Drug profiles in the detailed report.....
- Preclinical Stage Products
 - Comparative Analysis

OV329: Ovid Therapeutics

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

Comparative Analysis

West Syndrome Key Companies

West Syndrome Key Products

West Syndrome- Unmet Needs

West Syndrome- Market Drivers and Barriers

West Syndrome- Future Perspectives and Conclusion

West Syndrome Analyst Views

West Syndrome Key Companies

Appendix

List Of Tables

LIST OF TABLES

- Table 1 Total Products for West Syndrome
- Table 2 Late Stage Products
- Table 3 Mid Stage Products
- Table 4 Early Stage Products
- Table 5 Pre-clinical & Discovery Stage Products
- Table 6 Assessment by Product Type
- Table 7 Assessment by Stage and Product Type
- Table 8 Assessment by Route of Administration
- Table 9 Assessment by Stage and Route of Administration
- Table 10 Assessment by Molecule Type
- Table 11 Assessment by Stage and Molecule Type
- Table 12 Inactive Products

List Of Figures

LIST OF FIGURES

- Figure 1 Total Products for West Syndrome
- Figure 2 Late Stage Products
- Figure 3 Mid Stage Products
- Figure 4 Early Stage Products
- Figure 5 Preclinical and Discovery Stage Products
- Figure 6 Assessment by Product Type
- Figure 7 Assessment by Stage and Product Type
- Figure 8 Assessment by Route of Administration
- Figure 9 Assessment by Stage and Route of Administration
- Figure 10 Assessment by Molecule Type
- Figure 11 Assessment by Stage and Molecule Type
- Figure 12 Inactive Products

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