

Non-Cystic Fibrosis Bronchiectasis - Pipeline Insight, 2021

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Abstracts

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DelveInsight's, "Non-Cystic Fibrosis Bronchiectasis - Pipeline Insight, 2021," report provides comprehensive insights about 5+ companies and 5+ pipeline drugs in Non-Cystic Fibrosis Bronchiectasis 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

Non-Cystic Fibrosis Bronchiectasis Understanding

Non-Cystic Fibrosis Bronchiectasis: Overview

Non-cystic fibrosis (non-CF) bronchiectasis is a progressive respiratory disease characterized by a permanent dilation of bronchi, retention of mucus, and ciliary clearance impairment. Clinical features include chronic daily sputum, cough, shortness of breath, and recurrent respiratory infections, with consequent increased morbidity and worsened quality of life. One of the cornerstones in the management of bronchiectasis is the identification and treatment of underlying causes. The symptoms and clinical course of NCFB are variable. Some patients have no symptoms at all or symptoms only during exacerbations, whereas others have them daily. The classic clinical

manifestations of this clinical condition are cough and daily mucopurulent sputum production, often lasting months to years. Blood-streaked sputum or hemoptysis may result from airway damage associated with acute infection. Dyspnea and wheezing occur in 75% of patients. Pleuritic chest pain occurs in 50% of patients and reflects the presence of distended peripheral airways or distal pneumonitis adjacent to a visceral pleural surface. Physical examination of the chest shows adventitious breath sounds, such as crackles (70%), wheezing (34%) or rhonchi (44%).

'Non-Cystic Fibrosis Bronchiectasis - Pipeline Insight, 2021' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the Non-Cystic Fibrosis Bronchiectasis pipeline landscape is provided which includes the disease overview and Non-Cystic Fibrosis Bronchiectasis treatment guidelines. The assessment part of the report embraces, in depth Non-Cystic Fibrosis Bronchiectasis commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, Non-Cystic Fibrosis Bronchiectasis collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Non-Cystic Fibrosis Bronchiectasis R&D. The therapies under development are focused on novel approaches to treat/improve Non-Cystic Fibrosis Bronchiectasis.

Non-Cystic Fibrosis Bronchiectasis Emerging Drugs Chapters

This segment of the Non-Cystic Fibrosis Bronchiectasis report encloses its detailed analysis of various drugs in different stages of clinical development, including phase 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.

Non-Cystic Fibrosis Bronchiectasis Emerging Drugs

Brensocatib: Insmed Incorporated

Brensocatib is a small molecule, oral, reversible inhibitor of dipeptidyl peptidase 1 (DPP1) being developed by Insmed for the treatment of patients with bronchiectasis and other neutrophil-mediated diseases. DPP1 is an enzyme responsible for activating neutrophil serine proteases (NSPs), such as neutrophil elastase, in neutrophils when they are formed in the bone marrow. Neutrophils are the most common type of white blood cell and play an essential role in pathogen destruction and inflammatory mediation. In chronic inflammatory lung diseases, neutrophils accumulate in the airways and result in excessive active NSPs that cause lung destruction and inflammation. Brensocatib may decrease the damaging effects of inflammatory diseases such as bronchiectasis by inhibiting DPP1 and its activation of NSPs. Currently, it is in Phase III stage of clinical trial evaluation to treat Non-Cystic Fibrosis Bronchiectasis.

CSL787: CSL Behring

It is a human plasma-derived immunoglobulin for administration via a nebulizer for the potential prevention of chronic respiratory tract infections and progression of chronic lung disease.

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

Non-Cystic Fibrosis Bronchiectasis: Therapeutic Assessment

This segment of the report provides insights about the different Non-Cystic Fibrosis Bronchiectasis drugs segregated based on following parameters that define the scope of the report, such as:

Major Players in Non-Cystic Fibrosis Bronchiectasis

There are approx. 5+ key companies which are developing the therapies for Non-Cystic Fibrosis Bronchiectasis. The companies which have their Non-Cystic Fibrosis Bronchiectasis drug candidates in the most advanced stage, i.e. phase III include, Insmed Incorporated.

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 product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Non-Cystic Fibrosis Bronchiectasis pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Oral

Parenteral

Inhalation

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Monoclonal Antibody

Peptides

Polymer

Small molecule

Gene therapy

Product Type

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

Non-Cystic Fibrosis Bronchiectasis: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Non-Cystic Fibrosis Bronchiectasis 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 Non-Cystic Fibrosis Bronchiectasis drugs.

Non-Cystic Fibrosis Bronchiectasis Report Insights

Non-Cystic Fibrosis Bronchiectasis Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Non-Cystic Fibrosis Bronchiectasis Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Treatment Scenario and Emerging Therapies:

How many companies are developing Non-Cystic Fibrosis Bronchiectasis drugs?

How many Non-Cystic Fibrosis Bronchiectasis drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Non-Cystic Fibrosis Bronchiectasis?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Non-Cystic Fibrosis Bronchiectasis 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 Non-Cystic Fibrosis Bronchiectasis and their status?

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

Key Players

Insmmed Incorporated

CSL Behring

Boehringer Ingelheim

Novartis

SANTHERA PHARMACEUTICALS

Key Products

Brensocatib

CSL787

BI 1323495

Tobramycin inhalation powder

Lonodelestat

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Assessment by Stage and Route of Administration

Assessment by Molecule Type

Assessment by Stage and Molecule Type

Late Stage Products (Phase III)

Comparative Analysis

Brensocatib: Insmed Incorporated

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Mid Stage Products (Phase II)

Comparative Analysis

Tobramycin inhalation powder: Novartis

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Early Stage Products (Phase I)

Comparative Analysis

CSL787: CSL Behring

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