

Beta-Lactamase Inhibitor - Pipeline Insight, 2022

<https://marketpublishers.com/r/BABD30E9389EN.html>

Date: January 2022

Pages: 60

Price: US\$ 1,500.00 (Single User License)

ID: BABD30E9389EN

Abstracts

This report can be delivered to the clients within 48 hours

DelveInsight's, "Beta-Lactamase Inhibitor - Pipeline Insight, 2022" report provides comprehensive insights about 12+ companies and 12+ pipeline drugs in Beta-Lactamase Inhibitor 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

Beta-Lactamase Inhibitor Understanding

Beta-Lactamase Inhibitor: Overview

Beta-lactamases are an important group of bacterial enzymes, which preferentially cleave the beta-lactam ring of penicillins, cephalosporins, or other medically important beta-lactam antibiotics.

Function - Beta-lactamase provides antibiotic resistance by breaking the antibiotics' structure. These antibiotics all have a common element in their molecular structure: a four-atom ring known as a β -lactam. Through hydrolysis, the enzyme lactamase breaks the β -lactam ring open, deactivating the molecule's antibacterial properties.

Beta-Lactamase Inhibitors - Beta-lactamase inhibitors are drugs that are co-

administered with beta-lactam antimicrobials to prevent antimicrobial resistance by inhibiting serine beta-lactamases, which are enzymes that inactivate the beta-lactam ring, which is a common chemical structure to all beta-lactam antimicrobials. This activity outlines the different types of beta-lactamase inhibitors.

Beta-Lactamase Inhibitor Emerging Drugs Chapters

This segment of the Beta-Lactamase Inhibitor 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.

Beta-Lactamase Inhibitor Emerging Drugs

Durlobactam/sulbactam: Entasis Therapeutics

Durlobactam (DUR; previously designated ETX2514) is a novel, broad-spectrum and potent inhibitor of Class A, C, and D β -lactamases. Sulbactam (SUL) is a β -lactam antibiotic with activity against *Acinetobacter baumannii*; however, β -lactamase-mediated resistance to sulbactam is now widespread rendering it generally ineffective. In preclinical studies, durlobactam inhibits the β -lactamases commonly found in *A. baumannii* thus restoring sulbactam's activity. The company is developing SUL-DUR (previously designated ETX2514SUL), a combination of β -lactam antibiotic and a β -lactamase inhibitor for the treatment of serious infections caused by *Acinetobacter*, including multidrug-resistant (MDR) strains. Currently, it is in phase 3 stage of development for the treatment of *Acinetobacter* infections.

Ceftibuten/VNRX 7145: VenatoRx Pharmaceuticals

VNRX-7145, an orally bioavailable beta-lactamase inhibitor (BLI) that in a fixed combination with the third generation orally bioavailable cephalosporin, ceftibuten, has the potential to rescue activity of the partner antibiotic against extended spectrum beta-lactamases (ESBLs) and key carbapenem-resistant Enterobacterales (CRE), including those expressing *Klebsiella pneumoniae* carbapenemase (KPC) and Oxacillinase (OXA) carbapenemases.

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

Beta-Lactamase Inhibitor: Therapeutic Assessment

This segment of the report provides insights about the different Beta-Lactamase Inhibitor drugs segregated based on following parameters that define the scope of the report, such as:

Major Players working on Beta-Lactamase Inhibitor

There are approx. 12+ key companies which are developing the Beta-Lactamase Inhibitor. The companies which have their Beta-Lactamase Inhibitor drug candidates in the most advanced stage, i.e. phase III include, Entasis Therapeutics.

Phases

DelveInsight's report covers around 12+ 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

Beta-Lactamase Inhibitor 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.

Beta-Lactamase Inhibitor: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Beta-Lactamase Inhibitor 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 Beta-Lactamase Inhibitor drugs.

Report Highlights

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

Beta-Lactamase Inhibitor Report Insights

Beta-Lactamase Inhibitor Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Beta-Lactamase Inhibitor 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 Beta-Lactamase Inhibitor drugs?

How many Beta-Lactamase Inhibitor drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for Beta-Lactamase Inhibitor?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Beta-Lactamase Inhibitor 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 Beta-Lactamase Inhibitor and their status?

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

Key Players

Entasis Therapeutics

VenatoRx Pharmaceuticals

Qpex Biopharma

Boston Pharmaceuticals

Merck Sharp and Dohme

Fedora Pharmaceuticals

Allegra Therapeutics

AbbVie

Arixa Pharmaceuticals

LegoChem Biosciences

Yuhan

Allergan

AstraZeneca

Antabio

Infex Therapeutics

Key Products

Durlobactam/sulbactam

Ceftibuten/VNRX 7145

QPX 7728

BOS 572

MK-7655A

Nacubactam

AAI-202

ATM-AVI

ARX 1796

LCB18 0055

YH-1177D

CEF-104

ANT2681

Contents

Introduction

Executive Summary

Beta-Lactamase Inhibitor: 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

Beta-Lactamase Inhibitor – DelveInsight's Analytical Perspective

In-depth Commercial Assessment

- Beta-Lactamase Inhibitor companies' collaborations, Licensing, Acquisition -Deal Value Trends

Beta-Lactamase Inhibitor Collaboration Deals

- Company-Company Collaborations (Licensing / Partnering) Analysis
- Company-University Collaborations (Licensing / Partnering) Analysis

Late Stage Products (Phase III)

- Comparative Analysis

Durlobactam/sulbactam: Entasis Therapeutics

- Product Description
- Research and Development
- Product Development Activities

Drug profiles in the detailed report.....

Mid Stage Products (Phase II)

- Comparative Analysis

CEF-104 : Allergan

- Product Description
- Research and Development
- Product Development Activities

Drug profiles in the detailed report.....

Early Stage Products (Phase I)

- Comparative Analysis

QPX 7728: Qpex Biopharma

- Product Description
- Research and Development
- Product Development Activities

Drug profiles in the detailed report.....

Pre-clinical and Discovery Stage Products

- Comparative Analysis

LCB18 0055: LegoChem Biosciences

- Product Description
- Research and Development
- Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

- Comparative Analysis

Beta-Lactamase Inhibitor Key Companies

Beta-Lactamase Inhibitor Key Products

Beta-Lactamase Inhibitor- Unmet Needs

Beta-Lactamase Inhibitor- Market Drivers and Barriers

Beta-Lactamase Inhibitor- Future Perspectives and Conclusion

Beta-Lactamase Inhibitor Analyst Views

Beta-Lactamase Inhibitor Key Companies

Appendix

List Of Tables

LIST OF TABLES

- Table 1 Total Products for Beta-Lactamase Inhibitor
- 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 Beta-Lactamase Inhibitor
- 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

I would like to order

Product name: Beta-Lactamase Inhibitor - Pipeline Insight, 2022

Product link: <https://marketpublishers.com/r/BABD30E9389EN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/BABD30E9389EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970