

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform - Pipeline Review, H2 2019

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Abstracts

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform - Pipeline Review, H2 2019

SUMMARY

According to the recently published report 'Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform - Pipeline Review, H2 2019'; Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) pipeline Target constitutes close to 26 molecules. Out of which approximately 24 molecules are developed by companies and remaining by the universities/institutes.

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - The phosphatidylinositol-4, 5-bisphosphate 3-kinase catalytic subunit alpha also called p110 α is a protein encoded by the PIK3CA gene. It is involved in cell growth, survival, proliferation, motility and morphology. It participates in cellular signaling in response to various growth factors. It is involved in the activation of AKT1 and signaling via insulin receptor substrate (IRS) proteins. It is essential in endothelial cell migration during vascular development through VEGFA signaling. It is required for lymphatic vasculature development.

The report 'Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform - Pipeline Review, H2 2019' outlays comprehensive information on the Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies / Universities.

It also reviews key players involved in Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Pre-Registration, Phase II, Phase I, Preclinical, Discovery and Unknown stages are 1, 5, 3, 12, 1 and 2 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 1 molecules, respectively.

Report covers products from therapy areas Oncology, Genetic Disorders, Immunology and Infectious Disease which include indications Breast Cancer, Diffuse Large B-Cell Lymphoma, Ovarian Cancer, Solid Tumor, Triple-Negative Breast Cancer (TNBC), Endometrial Cancer, Multiple Myeloma (Kahler Disease), Burkitt Lymphoma, Colorectal Cancer, Follicular Lymphoma, Head And Neck Cancer Squamous Cell Carcinoma, Lung Cancer, Metastatic Breast Cancer, Neuroblastoma, Non-Hodgkin Lymphoma, Pancreatic Cancer, Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Renal Cell Carcinoma, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), CNS Lymphoma, Colon Cancer, Cutaneous T-Cell Lymphoma, Epithelial Ovarian Cancer, Esophageal Cancer, Gastric Cancer, Gastroesophageal (GE) Junction Carcinomas, Glioblastoma Multiforme (GBM), Hematological Tumor, Hepatocellular Carcinoma, High-Grade Glioma, Hodgkin Lymphoma (B-Cell Hodgkin Lymphoma), Human Immunodeficiency Virus (HIV) Infections (AIDS), Inflammation, Lymphoma, Mantle Cell Lymphoma, Metastatic Colorectal Cancer, Metastatic Renal Cell Carcinoma, Metastatic Transitional (Urothelial) Tract Cancer, Mutational Disorders, Non-Small Cell Lung Carcinoma, NUT Midline Carcinoma (NMC or Nuclear Protein in Testis Midline Carcinoma), Pediatric Diffuse Intrinsic Pontine Glioma, Primary CNS Lymphoma, Recurrent Glioblastoma Multiforme

(GBM), Recurrent Head And Neck Cancer Squamous Cell Carcinoma, Recurrent Medulloblastoma, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia and Thymoma (Thymic Epithelial Tumor).

SCOPE

The report provides a snapshot of the global therapeutic landscape for Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153)

The report reviews Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics under development by companies and universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities

The report reviews key players involved in Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics and enlists all their major and minor projects

The report assesses Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC

2.7.11.1 or EC 2.7.1.153) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) targeted therapeutics

REASONS TO BUY

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies

Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform

(Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand business potential and scope

Contents

Introduction

Global Markets Direct Report Coverage

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Overview

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Therapeutics

Development

Products under Development by Stage of Development

Products under Development by Therapy Area

Products under Development by Indication

Products under Development by Companies

Products under Development by Universities/Institutes

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Companies Involved in Therapeutics Development

Adlai Nortye Biopharma Co Ltd

Advenchen Laboratories LLC

Applied Therapeutics Inc

AstraZeneca Plc

Bayer AG

Chia Tai Tianqing Pharmaceutical Group Co Ltd.

Curis Inc

Genentech Inc

GlaxoSmithKline Plc

Millennium Pharmaceuticals Inc

Novartis AG

Onconova Therapeutics Inc

Petra Pharma Corp

PIQUR Therapeutics AG

Shanghai Haihe Biopharma Co Ltd

Sichuan Sinovation Bio-technology Co Ltd

SignalRx Pharmaceuticals Inc

Sphaera Pharma Pte Ltd

Yangtze River Pharmaceutical Group

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform
(Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or
Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein
Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Drug Profiles

AL-58922 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

alpelisib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

BAY-1082439 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

bimiralisib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

buparlisib hydrochloride - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

fimepinostat - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

GDC-0077 - Drug Profile

Product Description
Mechanism Of Action
R&D Progress
HHCYH-33 - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
NSC-765844 - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
omipalisib - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
ON-146040 - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
Petra-03 - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
PQR-514 - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
serabelisib - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
SF-2523 - Drug Profile
Product Description
Mechanism Of Action
R&D Progress
Small Molecule 2 to Inhibit PIK3CA for Oncology - Drug Profile
Product Description
Mechanism Of Action
R&D Progress

Small Molecule to Inhibit PI3K Alpha for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Inhibit PIK3CA and MTOR for Colorectal Cancer - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Inhibit PIK3CA for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit Pan PI3K for Ovarian Cancer - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit PI3K Alpha for Breast Cancer - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit PIK3CA and PIK3CG for Solid Tumors - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

SN-202 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

SPR-965 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

taselisib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

WX-008 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Dormant Products

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Discontinued Products

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Alpha Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Alpha or Phosphoinositide 3 Kinase Catalytic Alpha Polypeptide or Serine/Threonine Protein Kinase PIK3CA or PIK3CA or EC 2.7.11.1 or EC 2.7.1.153) - Product Development Milestones

Featured News & Press Releases

Dec 06, 2019: Curis Announces Positive Safety, Tolerability and Pharmacokinetic Data in Ongoing Phase 1 Study of Fimepinostat in Combination with Venetoclax

Dec 04, 2019: Foundation Medicine expands indication for FoundationOne CDx as a companion diagnostic for Piqray (alpelisib)

Nov 06, 2019: Curis abstracts for Fimepinostat accepted for presentation at the 61st Annual Meeting of the American Society of Hematology

Aug 06, 2019: Curis provides update on development of Fimepinostat

Aug 02, 2019: Researchers from the IDIBELL and the University of Barcelona describe a new treatment that could cope with 2 bone diseases

Jun 11, 2019: Stand up to cancer hails fda approval of alpelisib + fulvestrant combination for patients with a PIK3CA mutation in HR+/HER2- advanced breast cancer

Jun 07, 2019: LabCorp and QIAGEN announce new theascreen PIK3CA Mutation Analysis Companion Diagnostic for Metastatic Breast Cancer

May 28, 2019: FDA approves Novartis' Piqray as the first drug targeting PIK3CA mutation

May 16, 2019: Novartis International : SOLAR-1 NEJM Publication

Mar 15, 2019: Adlai Nortye's Buparlisib set to become a potential treatment for HNSC

Dec 19, 2018: Arnold's Buparlisib (AN2025) has been approved by the FDA to enter Phase III clinical trials, and the NDA declaration is expected to be significantly advanced

Dec 06, 2018: Novartis investigational BYL719 (alpelisib) plus fulvestrant consistently improved PFS in patients with PIK3CA mutated HR+/HER2- advanced breast cancer in new SOLAR-1 analyses

Nov 02, 2018: Novartis to present data on Alpelisib at 2018 SABCS annual symposium

Oct 20, 2018: Novartis investigational BYL719 (alpelisib) plus fulvestrant nearly doubles median PFS in patients with PIK3CA mutated HR+/HER2- advanced breast cancer compared to fulvestrant alone

Oct 11, 2018: Cancer Center investigators awarded Komen grants

[Appendix](#)

[Methodology](#)

[Coverage](#)

[Secondary Research](#)

[Primary Research](#)

[Expert Panel Validation](#)

[Contact Us](#)

[Disclaimer](#)

List Of Tables

LIST OF TABLES

Number of Products under Development by Stage of Development, H2 2019
Number of Products under Development by Therapy Areas, H2 2019
Number of Products under Development by Indications, H2 2019
Number of Products under Development by Indications, H2 2019 (Contd..1), H2 2019
Number of Products under Development by Indications, H2 2019 (Contd..2), H2 2019
Number of Products under Development by Companies, H2 2019
Products under Development by Companies, H2 2019
Products under Development by Companies, H2 2019 (Contd..1), H2 2019
Products under Development by Companies, H2 2019 (Contd..2), H2 2019
Products under Development by Companies, H2 2019 (Contd..3), H2 2019
Products under Development by Companies, H2 2019 (Contd..4), H2 2019
Number of Products under Investigation by Universities/Institutes, H2 2019
Products under Investigation by Universities/Institutes, H2 2019
Number of Products by Stage and Mechanism of Actions, H2 2019
Number of Products by Stage and Route of Administration, H2 2019
Number of Products by Stage and Molecule Type, H2 2019
Pipeline by Adlai Nortye Biopharma Co Ltd, H2 2019
Pipeline by Advenchen Laboratories LLC, H2 2019
Pipeline by Applied Therapeutics Inc, H2 2019
Pipeline by AstraZeneca Plc, H2 2019
Pipeline by Bayer AG, H2 2019
Pipeline by Chia Tai Tianqing Pharmaceutical Group Co Ltd., H2 2019
Pipeline by Curis Inc, H2 2019
Pipeline by Genentech Inc, H2 2019
Pipeline by GlaxoSmithKline Plc, H2 2019
Pipeline by Millennium Pharmaceuticals Inc, H2 2019
Pipeline by Novartis AG, H2 2019
Pipeline by Onconova Therapeutics Inc, H2 2019
Pipeline by Petra Pharma Corp, H2 2019
Pipeline by PIQUR Therapeutics AG, H2 2019
Pipeline by Shanghai Haihe Biopharma Co Ltd, H2 2019
Pipeline by Sichuan Sinovation Bio-technology Co Ltd, H2 2019
Pipeline by SignalRx Pharmaceuticals Inc, H2 2019
Pipeline by Sphaera Pharma Pte Ltd, H2 2019
Pipeline by Yangtze River Pharmaceutical Group, H2 2019

Dormant Products, H2 2019

Dormant Products, H2 2019 (Contd..1), H2 2019

Dormant Products, H2 2019 (Contd..2), H2 2019

Discontinued Products, H2 2019

Discontinued Products, H2 2019 (Contd..1), H2 2019

Discontinued Products, H2 2019 (Contd..2), H2 2019

List Of Figures

LIST OF FIGURES

Number of Products under Development by Stage of Development, H2 2019
Number of Products under Development by Therapy Areas, H2 2019
Number of Products under Development by Top 10 Indications, H2 2019
Number of Products by Stage and Mechanism of Actions, H2 2019
Number of Products by Stage and Route of Administration, H2 2019
Number of Products by Stage and Molecule Type, H2 2019

COMPANIES MENTIONED

Adlai Nortye Biopharma Co Ltd
Advenchen Laboratories LLC
Applied Therapeutics Inc
AstraZeneca Plc
Bayer AG
Chia Tai Tianqing Pharmaceutical Group Co Ltd.
Curis Inc
Genentech Inc
GlaxoSmithKline Plc
Millennium Pharmaceuticals Inc
Novartis AG
Onconova Therapeutics Inc
Petra Pharma Corp
PIQUR Therapeutics AG
Shanghai Haihe Biopharma Co Ltd
Sichuan Sinovation Bio-technology Co Ltd
SignalRx Pharmaceuticals Inc
Sphaera Pharma Pte Ltd
Yangtze River Pharmaceutical Group

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