

# **Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Pipeline Review, H2 2017**

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## **Abstracts**

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Pipeline Review, H2 2017

## **SUMMARY**

According to the recently published report 'Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform - Pipeline Review, H2 2017'; Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) pipeline Target constitutes close to 13 molecules. Out of which approximately 13 molecules are developed by Companies.

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Phosphatidylinositol-4, 5-bisphosphate 3-kinase catalytic subunit gamma isoform is an enzyme encoded by the PIK3CG gene. It plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. It is involved in immune, inflammatory and allergic responses. It modulates leukocyte chemotaxis to inflammatory sites and in response to chemoattractant agents. It regulates T-lymphocyte proliferation and cytokine production.

The report 'Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform - Pipeline Review, H2 2017' outlays comprehensive information on the Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 1, 2, 8 and 1 respectively. Report covers products from therapy areas Oncology, Respiratory, Central Nervous System, Dermatology, Ophthalmology and Undisclosed which include indications Solid Tumor, Colon Cancer, Lymphoma, Multiple Myeloma (Kahler Disease), Cutaneous T-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Glioblastoma Multiforme (GBM), Ovarian Cancer, Pancreatic Cancer, Peripheral T-Cell Lymphomas (PTCL), Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Adrenocortical Carcinoma (Adrenal Cortex Cancer), Bladder Cancer, Breast Cancer, Chronic Lymphocytic Leukemia (CLL), Chronic Obstructive Pulmonary Disease (COPD), Cystic Fibrosis, Follicular Lymphoma, Head And Neck Cancer Squamous Cell Carcinoma, Hodgkin Lymphoma (B-Cell Hodgkin

Lymphoma), Lung Cancer, Malignant Mesothelioma, Metastatic Breast Cancer, Metastatic Melanoma, Neuroblastoma, Non-Hodgkin Lymphoma, Non-Small Cell Lung Cancer, Primary CNS Lymphoma, Renal Cell Carcinoma, T-Cell Lymphomas and Unspecified.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153)

The report reviews Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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 Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG 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

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Involved in Therapeutics Development

AstraZeneca Plc

Infinity Pharmaceuticals Inc

Novartis AG

PIQUR Therapeutics AG

Rhizen Pharmaceuticals SA

Verastem Inc

Vertex Pharmaceuticals Inc

Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or

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Dec 22, 2017: Rhizen Pharma Receives FDA Orphan-Drug Designation for Tenalisib (RP6530) for Treatment of Peripheral T-Cell Lymphoma

Dec 11, 2017: Verastem Announces the Presentation of Phase 1 Duvelisib Combination Data in T-Cell Lymphomas at the ASH 2017 Annual Meeting

Dec 10, 2017: Verastem Announces Clinical Data From the Pivotal Phase 3 Duo Study: Duvelisib Significantly Improves Progression Free Survival in Relapsed or Refractory



## Chronic Lymphocytic Leukemia and Small Lymphocytic Lymphoma

Dec 09, 2017: Rhizen Pharmaceuticals receives FDA Fast Track Designation for RP6530 (tenalisib), a highly selective dual PI3K delta/gamma inhibitor for the treatment of patients with relapsed/refractory peripheral T-cell lymphoma

Dec 05, 2017: Verastem to Present Results from Pivotal Phase 3 DUO Study in Chronic Lymphocytic Leukemia and Small Lymphocytic Lymphoma at a Research and Development Event at ASH 2017

Dec 05, 2017: Rhizen Pharmaceuticals announces clinical and preclinical data presentations at the upcoming 59th American Society of Hematology (ASH) Annual Meeting & Exposition in Atlanta, GA, USA

Nov 10, 2017: Infinity Pharmaceuticals Reports IPI-549 Clinical and Translational Data from Completed Monotherapy Dose-Escalation Component of Phase 1/1b Clinical Study in Patients with Advanced Solid Tumors at SITC Annual Meeting

Nov 01, 2017: Verastem Announces Data from Phase 3 DUO Study Selected for Oral Presentation at the American Society of Hematology 2017 Annual Meeting

Oct 31, 2017: Verastem Announces Regulatory Strategy for Duvelisib New Drug Application Following Guidance from FDA

Oct 17, 2017: Verastem Pays Milestone Payment to Infinity Pharmaceuticals

Oct 12, 2017: Infinity Announces IPI-549 Late-Breaking Presentation at SITC Annual Meeting

Oct 11, 2017: Verastem Appoints NgocDiep Le, MD, PhD as Chief Medical Officer

Sep 25, 2017: SignalRx Presents in silico Design of Dual PI3K/BRD4 Inhibitors for Combinatorial Activation of Anti-tumor Immunity in Treating Cancer

Sep 06, 2017: Verastem Announces Positive Top-line Data from the Pivotal Phase 3 DUO Study in Relapsed or Refractory Chronic Lymphocytic Leukemia and Small Lymphocytic Lymphoma

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### COMPANIES MENTIONED

AstraZeneca Plc

Infinity Pharmaceuticals Inc

Novartis AG

PIQUR Therapeutics AG

Rhizen Pharmaceuticals SA

Verastem Inc

Vertex Pharmaceuticals Inc

## I would like to order

Product name: Phosphatidylinositol 4,5 Bisphosphate 3 Kinase Catalytic Subunit Gamma Isoform (Phosphatidylinositol 4,5 Bisphosphate 3 Kinase 110 kDa Catalytic Subunit Gamma or Phosphoinositide 3 Kinase Catalytic Gamma Polypeptide or Serine/Threonine Protein Kinase PIK3CG or p120 PI3K or PIK3CG or EC 2.7.11.1 or EC 2.7.1.153) - Pipeline Review, H2 2017

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