

SerineThreonine Protein Kinase PLK1 - Pipeline Review, H2 2019

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Abstracts

SerineThreonine Protein Kinase PLK1 - Pipeline Review, H2 2019

SUMMARY

Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) pipeline Target constitutes close to 10 molecules. Out of which approximately 8 molecules are developed by companies and remaining by the universities/institutes. The latest report SerineThreonine Protein Kinase PLK1 - Pipeline Review, H2 2019, outlays comprehensive information on the Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) - Serine/threonine-protein kinase PLK1 is an enzyme encoded by the PLK1 (polo-like kinase 1) gene. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of this protein in cancer cells dramatically inhibited cell proliferation and induced apoptosis. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Unknown stages are 2, 1, 1, 3 and 1 respectively.

Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 1 molecules, respectively. Report covers products from therapy areas Oncology which include indications Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Leukemia, Myelodysplastic Syndrome, Colorectal Cancer, Ovarian Cancer, Pancreatic

Cancer, Skin Cancer, Adrenocortical Carcinoma (Adrenal Cortex Cancer), Anal Cancer, Breast Cancer, Cervical Cancer, Esophageal Cancer, Esophageal Squamous Cell Carcinoma (ESCC), Glioma, Head And Neck Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Hepatocellular Carcinoma, Human Papillomavirus (HPV) Associated Cancer, Juvenile Myelomonocytic Leukemia (JMML), Lung Cancer, Lymphoma, Metastatic Colorectal Cancer, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Non-Hodgkin Lymphoma, Non-Small Cell Lung Cancer, Pancreatic Ductal Adenocarcinoma, Penile Cancer, Prostate Cancer, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Rhabdomyosarcoma, Sarcomas, Small-Cell Lung Cancer, Solid Tumor, Squamous Cell Carcinoma, Squamous Non-Small Cell Lung Cancer and Triple-Negative Breast Cancer (TNBC).

Furthermore, this report also reviews key players involved in Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) targeted therapeutics development with respective active and dormant or discontinued projects. Driven by data and information sourced from proprietary databases, company/university websites, clinical trial registries, conferences, SEC filings, investor presentations and featured press releases from company/university sites and industry-specific third party sources.

SCOPE

The report provides a snapshot of the global therapeutic landscape for Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21)

The report reviews Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) targeted therapeutics and enlists all their major and minor projects

The report assesses Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21)

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 Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) 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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Korea United Pharm Inc

Le Sun Pharmaceuticals Ltd

Oncoheroes Biosciences Inc

Onconova Therapeutics Inc

PhoreMost Ltd

Takeda Pharmaceutical Co Ltd

Trovagene Inc

Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) - Drug Profiles

Antisense Oligonucleotide to Target MIR34 and PLK1 for Pancreatic Ductal

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Mechanism Of Action

R&D Progress

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Featured News & Press Releases

Dec 17, 2019: Onconova Therapeutics and Pint Pharma announce Brazilian Health Authority approval for initiating INSPIRE trial with intravenous Rigosertib in higher-risk myelodysplastic syndromes in Brazil

Dec 10, 2019: Drug combination shows promise in preclinical models of triple negative breast cancer

Dec 09, 2019: Onconova Therapeutics announces data on genomic profiles of higher risk myelodysplastic syndromes patients refractory to azacitidine therapy enrolled into the pivotal INSPIRE trial and updated oral rigosertib data informing a potential adaptive clinical trial design at the American Society of Hematology 2019 Annual Meeting

Dec 09, 2019: Efficacy, durability of response and safety of Onvansertib demonstrated in completed phase 1b trial in AML patients presented in oral session at ASH

Dec 06, 2019: Inceptua Medicines Access and Onconova Therapeutics announce pre-approval access collaboration for Rigosertib in selected countries outside the US

Dec 04, 2019: Trovogene announces data showing ability of onvansertib to rescue venetoclax-resistance in acute myeloid leukemia (AML)

Nov 14, 2019: Trovogene presents positive data in metastatic prostate cancer phase 2 trial showing clinical response in patients resistant to Zytiga

Nov 07, 2019: Onconova announces five presentations on Rigosertib in Myelodysplastic Syndromes (MDS) at the ASH 2019 Annual Meeting & Exposition

Nov 06, 2019: Trovogene announces data from acute myeloid leukemia (AML) Phase 1b/2 trial of Onvansertib chosen for oral presentation at ASH 2019 Annual Meeting

Oct 24, 2019: Onconova affirms planned completion of pivotal phase 3 INSPIRE study of Rigosertib in Myelodysplastic Syndromes by 1H20 and provides research & development update

Oct 22, 2019: Trovogene announces positive response to treatment in phase 1b/2 trial of Onvansertib in patients with KRAS-mutated metastatic colorectal cancer

Oct 10, 2019: Mission Bio awarded grant to measure minimal residual disease related to cancer relapse with single cell genomics

Oct 02, 2019: Data presented at ESMO provides rationale for clinical trial of Onvansertib in subset of patients with highly-aggressive Triple Negative Breast Cancer (TNBC)

Oct 01, 2019: Trovogene Presents Overview of Phase 1b/2 Trial of Onvansertib in Patients with KRAS-Mutated Metastatic Colorectal Cancer (mCRC) at ESMO

Sep 30, 2019: Positive data from Trovogene phase 1b/2 study of onvansertib featured in oral presentation at European Society for Medical Oncology (ESMO) Conference

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Cyclacel Pharmaceuticals Inc

Korea United Pharm Inc

Le Sun Pharmaceuticals Ltd

Oncoheroes Biosciences Inc

Onconova Therapeutics Inc

PhoreMost Ltd

Takeda Pharmaceutical Co Ltd

Trovagene Inc

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