

# Serine/Threonine Protein Kinase PLK1 - Pipeline Review, H1 2020

<https://marketpublishers.com/r/SD1075F55F32EN.html>

Date: January 2020

Pages: 112

Price: US\$ 3,500.00 (Single User License)

ID: SD1075F55F32EN

## Abstracts

Serine/Threonine Protein Kinase PLK1 - Pipeline Review, H1 2020

### SUMMARY

According to the recently published report 'SerineThreonine Protein Kinase PLK1 - Pipeline Review, H1 2020'; 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.

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 report 'SerineThreonine Protein Kinase PLK1 - Pipeline Review, H1 2020' 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; that are being developed by Companies/Universities.

It 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.

Currently, 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).

**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 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

## Contents

Introduction

Global Markets Direct Report Coverage

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

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

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

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by 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) - Companies Involved in Therapeutics

Development

Cyclacel Pharmaceuticals Inc

Korea United Pharm Inc

Le Sun Pharmaceuticals Ltd

Oncoheroes Biosciences Inc

Onconova Therapeutics Inc

PhoreMost Ltd

Takeda Pharmaceutical Co Ltd

Trovogene 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

Adenocarcinoma - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

CYC-140 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

LS-008 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

onvansertib fumarate - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

PM-001 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

rigosertib sodium - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Inhibit PLK1 for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecules to Inhibit PLK1 for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

UN-04 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

volasertib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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

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

Serine/Threonine Protein Kinase PLK1 (Polo Like Kinase 1 or Serine/Threonine Protein Kinase 13 or PLK1 or EC 2.7.11.21) - Product Development Milestones

Featured News & Press Releases  
Appendix

## List Of Tables

### LIST OF TABLES

Number of Products under Development by Stage of Development, H1 2020  
Number of Products under Development by Therapy Areas, H1 2020  
Number of Products under Development by Indications, H1 2020  
Number of Products under Development by Indications, H1 2020 (Contd..1), H1 2020  
Number of Products under Development by Companies, H1 2020  
Products under Development by Companies, H1 2020  
Products under Development by Companies, H1 2020 (Contd..1), H1 2020  
Products under Development by Companies, H1 2020 (Contd..2), H1 2020  
Number of Products under Investigation by Universities/Institutes, H1 2020  
Products under Investigation by Universities/Institutes, H1 2020  
Number of Products by Stage and Mechanism of Actions, H1 2020  
Number of Products by Stage and Route of Administration, H1 2020  
Number of Products by Stage and Molecule Type, H1 2020  
Pipeline by Cyclacel Pharmaceuticals Inc, H1 2020  
Pipeline by Korea United Pharm Inc, H1 2020  
Pipeline by Le Sun Pharmaceuticals Ltd, H1 2020  
Pipeline by Oncoheroes Biosciences Inc, H1 2020  
Pipeline by Onconova Therapeutics Inc, H1 2020  
Pipeline by PhoreMost Ltd, H1 2020  
Pipeline by Takeda Pharmaceutical Co Ltd, H1 2020  
Pipeline by Trovogene Inc, H1 2020  
Dormant Products, H1 2020  
Dormant Products, H1 2020 (Contd..1), H1 2020  
Dormant Products, H1 2020 (Contd..2), H1 2020  
Dormant Products, H1 2020 (Contd..3), H1 2020  
Discontinued Products, H1 2020



## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H1 2020

Number of Products under Development by Top 10 Indications, H1 2020

Number of Products by Stage and Mechanism of Actions, H1 2020

Number of Products by Routes of Administration, H1 2020

Number of Products by Stage and Routes of Administration, H1 2020

Number of Products by Molecule Types, H1 2020

Number of Products by Stage and Molecule Types, H1 2020

### COMPANIES MENTIONED

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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