

# **Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Pipeline Review, H2 2018**

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## **Abstracts**

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### **SUMMARY**

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) pipeline Target constitutes close to 11 molecules. Out of which approximately 8 molecules are developed by companies and remaining by the universities/institutes. The latest report Cyclin Dependent Kinase 2 - Pipeline Review, H2 2018, outlays comprehensive information on the Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Cyclin-dependent kinase 2 is an enzyme encoded by the CDK2 gene. CDK2 is the catalytic subunit of the cyclin-dependent protein kinase complex which regulates progression through the cell cycle. Activity of CDK2 is especially critical during the G1 to S phase transition. CDK2 associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). The molecules developed by companies in Phase II, Phase I and Preclinical stages are 5, 1 and 2 respectively.

Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 2 molecules, respectively. Report covers products from therapy areas Oncology, Ear

Nose Throat Disorders, Hematological Disorders, Immunology, Infectious Disease, Metabolic Disorders and Respiratory which include indications Breast Cancer, Lung Cancer, Metastatic Hepatocellular Carcinoma (HCC), Neuroblastoma, Ovarian Cancer, Pancreatic Cancer, Solid Tumor, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Anaplastic Astrocytoma, Bleeding And Clotting Disorders, Chronic Lymphocytic Leukemia (CLL), Cystic Fibrosis, Diffuse Large B-Cell Lymphoma, Glioblastoma Multiforme (GBM), Gliosarcoma, Hearing Disorders, Laryngeal Cancer, Mantle Cell Lymphoma, Multiple Myeloma (Kahler Disease), Pituitary ACTH Hypersecretion (Cushing Disease), Pseudomonas aeruginosa Infections, Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Chronic Lymphocytic Leukemia (CLL), Rheumatoid Arthritis, Thymic Carcinoma and Uterine Cancer.

Furthermore, this report also reviews key players involved in Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) 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.

**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 Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22)

The report reviews Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) targeted therapeutics and enlists all their major and minor projects

The report assesses Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) 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 Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22)

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 Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) 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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Cyclacel Pharmaceuticals Inc

Tiziana Life Sciences Plc

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R&D Progress

JRP-890 - Drug Profile

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R&D Progress

kenpaullone - Drug Profile

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R&D Progress

milciclib - Drug Profile

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Mechanism Of Action

R&D Progress

sapacitabine + seliciclib - Drug Profile

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Featured News & Press Releases

Jun 14, 2018: Lees Pharmaceutical Holdings: Update on An Investigational Oncology Product

May 16, 2018: Tiziana Life Sciences Announces Interim Analysis Data from an Ongoing Phase 2a Trial of Milciclib Safety and Tolerability in Sorafenib-refractory or -intolerable, Unresectable or Metastatic Hepatocellular Carcinoma (HCC) Patients

Apr 17, 2018: Cyclacel's CYC065 CDK Inhibitor Demonstrates Synergy With Venetoclax By Dual Targeting Of Chronic Lymphocytic Leukemia

Apr 16, 2018: Cyclacel Announces Presentation of Phase 1 Clinical Data for CDK Inhibitor CYC065 at AACR 2018 Annual Meeting

Apr 09, 2018: Tiziana Life Sciences Announces a Poster Presentation on Phase II clinical data with Milciclib in Thymic carcinoma and Thymoma patients at the American Society of Clinical Oncology (ASCO) Meeting (June 1-5, Chicago IL)

Mar 15, 2018: Phase 1 Clinical Data With Cyclacel's CYC065 CDK Inhibitor Have Been Selected for Oral Presentation at AACR 2018 Annual Meeting

Dec 08, 2017: Tiziana Life Sciences Announces Safety of Milciclib in a Phase 2a Trial in Unresectable or Metastatic Hepatocellular Carcinoma (HCC) Patients

Nov 23, 2017: Tiziana Life Sciences Announces that Milciclib Met its Primary Endpoint in Two Phase II Clinical Trials in Patients with Thymic Carcinoma and Thymoma”

Sep 26, 2017: Powerful Drug Combo Gangs Up to Tackle Triple-Negative Breast Cancer

Aug 07, 2017: Cyclacel Announces Selection of Recommended Phase 2 Dose for CYC065 and Evidence of Durable Target Engagement and Mcl-1 Biomarker Suppression

Jul 19, 2017: Tiziana Life Sciences Announces Initiation of a Phase IIa Clinical Trial with Milciclib in Patients with Hepatocellular Carcinoma

Apr 24, 2017: Tiziana Life Sciences Announces Approval of a Phase II Clinical Trial Protocol for Milciclib in Patients with Hepatocellular Carcinoma

Apr 21, 2017: Tiziana Life Sciences Announces Publication of Peer-Reviewed Paper from Positive Clinical Trial of Milciclib in Patients with Refractory Solid Tumours

Apr 02, 2017: Cyclacel's Second-Generation CDK2/9 Inhibitor, CYC065, Elicits Marked Antineoplastic Effects in Lung Cancer by Engaging Anti-Metastatic Pathways

Mar 07, 2017: Cyclacel's CDK Inhibitor CYC065 Causes Anaphase Catastrophe, a Novel Cancer-Specific Mechanism of Action, in Research Published in JNCI

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### COMPANIES MENTIONED

Astex Pharmaceuticals Inc

Cyclacel Pharmaceuticals Inc

Tiziana Life Sciences Plc

## I would like to order

Product name: Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Pipeline Review, H2 2018

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