

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

<https://marketpublishers.com/r/C62FD8C24D80EN.html>

Date: October 2022

Pages: 119

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

ID: C62FD8C24D80EN

Abstracts

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

SUMMARY

According to the recently published report 'Cyclin Dependent Kinase 2 - Drugs In Development, 2022'; 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 34 molecules. Out of which approximately 31 molecules are developed by companies and remaining by the universities/institutes.

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 report 'Cyclin Dependent Kinase 2 - Drugs In Development, 2022' 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; that are being developed by Companies/Universities.

It 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. Currently, The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 9, 3, 14 and 5 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, Infectious Disease, Immunology, Metabolic Disorders, Respiratory and Undisclosed which include indications Breast Cancer, Ovarian Cancer, Solid Tumor, Human Epidermal Growth Factor Receptor 2 Negative Breast Cancer (HER2^{li} Breast Cancer), Gastric Cancer, Lung Cancer, Epithelial Ovarian Cancer, Fallopian Tube Cancer, Pancreatic Cancer, Peritoneal Cancer, Triple-Negative Breast Cancer (TNBC), Uterine Cancer, Coronavirus Disease 2019 (COVID-19), Endometrial Cancer, Hearing Disorders, Lymphoma, Non-Small Cell Lung Cancer, Prostate Cancer, Unspecified Cancer, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Adenocarcinoma Of The Gastroesophageal Junction, Anaplastic Astrocytoma, Bile Duct Cancer (Cholangiocarcinoma), Chronic Lymphocytic Leukemia (CLL), Colon Cancer, Colorectal Cancer, Cutaneous T-Cell Lymphoma, Cystic Fibrosis, Diffuse Large B-Cell Lymphoma, Esophageal Cancer, Gastroesophageal (GE) Junction Carcinomas, Glioblastoma Multiforme (GBM), Gliosarcoma, Hematological Tumor, Hepatocellular Carcinoma, Human Epidermal Growth Factor Receptor 2 Positive Breast Cancer (HER2⁺ Breast Cancer), Inflammation, Laryngeal Cancer, Mantle Cell Lymphoma, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Metastatic Hepatocellular Carcinoma (HCC), Multiple Myeloma (Kahler Disease), Myelodysplastic Syndrome, Neuroblastoma, Pediatric Diffuse Intrinsic Pontine Glioma, Peripheral T-Cell Lymphomas (PTCL), Pituitary ACTH Hypersecretion (Cushing Disease), Pseudomonas aeruginosa Infections, Refractory Acute Myeloid Leukemia, Refractory Chronic Lymphocytic Leukemia (CLL), Relapsed Acute Myeloid Leukemia, Relapsed Chronic Lymphocytic Leukemia (CLL), Rheumatoid Arthritis, Small-Cell Lung Cancer, T-Cell Lymphomas, Thymic Carcinoma, Thyroid Cancer, Unspecified and Unspecified B-Cell Lymphomas.

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

Contents

Introduction

Global Markets Direct Report Coverage

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

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

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Companies Involved in Therapeutics Development

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Drug Profiles

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Dormant Products

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Discontinued Products

Cyclin Dependent Kinase 2 (p33 Protein Kinase or Cell Division Protein Kinase 2 or CDK2 or EC 2.7.11.22) - Product Development Milestones

Featured News & Press Releases

Apr 12, 2022: Cyclacel Pharmaceuticals announces publication confirming fadraciclib suppresses MCL1 and synergizes with venetoclax in chronic lymphocytic leukemia

Mar 08, 2022: Blueprint Medicines to showcase poster presentation on BLU-222 at AACR Annual Meeting 2022

Dec 28, 2021: Regor Therapeutics announces U.S. FDA authorization to conduct Regor's first-in-human clinical trial with the next generation targeted inhibitor RGT-419B for oncology

Nov 05, 2021: Cyclacel announces dosing of first patient in phase 1/2 study of oral fadraciclib in patients with leukemias or myelodysplastic syndromes

Jul 13, 2021: Cyclacel announces dosing of first patient in phase 1/2 study of oral

fadraciclib in patients with advanced solid tumors and aggressive lymphomas

May 05, 2021: Tiziana announces strategic initiative with Takanawa Japan K.K.,

Pharma team, to identify a partner in Japan and other Asian countries for further clinical development of Milciclib in patients with advanced hepatocellular carcinoma

Jan 14, 2021: Adastra Pharmaceuticals, present at Inaugural B. Riley Securities' Oncology Investor Conference

Jan 13, 2021: Adastra Pharmaceuticals announces positive top-line data from phase 1b clinical trial of Zotiraciclib in the treatment of recurrent high-grade gliomas

Oct 26, 2020: Cyclacel presents phase 1 clinical data showing safety, anti-tumor activity and good oral bioavailability of fadraciclib in patients with advanced solid tumors at the EORTC-NCI-AACR Symposium 2020

Oct 06, 2020: ICR to study fadraciclib to treat paediatric neuroblastoma

Sep 21, 2020: Cyclacel announces Fadraciclib abstract selected for oral presentation in the Late Breaking and Best Proffered Paper session at the 32nd EORTC-NCI-AACR Symposium 2020

Aug 21, 2020: Tiziana granted a patent on the use of milciclib in combination with tyrosine kinase inhibitors for treatment of hepatocellular carcinoma and other cancers

Jul 13, 2020: Cyclacel's clinical stage CDK2/9 inhibitor Fadraciclib targets key anti-apoptotic and oncogenic pathways in cancer

May 14, 2020: Tiziana Lifesciences announces online publication of two abstracts at the American Society of Clinical Oncology (ASCO) reporting clinical activity and safety of Milciclib in patients with advanced hepatocellular carcinoma

May 11, 2020: Tiziana Life Sciences announces publishing of two e-abstracts featuring its Miliciclib

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, 2022

Number of Products under Development by Therapy Areas, 2022

Number of Products under Development by Indications, 2022

Number of Products under Development by Companies, 2022

Products under Development by Companies, 2022

Number of Products under Investigation by Universities/Institutes, 2022

Products under Investigation by Universities/Institutes, 2022

Number of Products by Stage and Mechanism of Actions, 2022

Number of Products by Stage and Route of Administration, 2022

Number of Products by Stage and Molecule Type, 2022

Pipeline by Apollo Therapeutics LLC, 2022

Pipeline by Astex Pharmaceuticals Inc, 2022

Pipeline by Aucentra Therapeutics Pty Ltd, 2022

Pipeline by BioTheryX Inc, 2022

Pipeline by Blueprint Medicines Corp, 2022

Pipeline by Cedilla Therapeutics, 2022

Pipeline by Cothera Bioscience Pty Ltd, 2022

Pipeline by Cyclacel Pharmaceuticals Inc, 2022

Pipeline by Incyclix Bio LLC, 2022

Pipeline by Incyte Corp, 2022

Pipeline by Monte Rosa Therapeutics Inc, 2022

Pipeline by Neosome Life Sciences LLC, 2022

Pipeline by Pfizer Inc, 2022

Pipeline by Plexium Inc, 2022

Pipeline by Prous Institute for Biomedical Research SA, 2022

Pipeline by Qilu Regor Therapeutics Inc, 2022

Pipeline by Relay Therapeutics Inc, 2022

Pipeline by Rhizen Pharmaceuticals SA, 2022

Pipeline by Rizen (Suzhou) Biosciences Co Ltd, 2022

Pipeline by Shanghai Junshi Bioscience Co Ltd, 2022

Pipeline by Simcere Pharmaceutical Group Ltd, 2022

Pipeline by Ting Therapeutics LLC, 2022

Pipeline by Tiziana Life Sciences Plc, 2022

Dormant Products, 2022

Dormant Products, 2022 (Contd..1)

Dormant Products, 2022 (Contd..2)
Discontinued Products, 2022

List Of Figures

LIST OF FIGURES

Number of Products under Development by Stage of Development, 2022

Number of Products under Development by Therapy Areas, 2022

Number of Products under Development by Top 10 Indications, 2022

Number of Products by Mechanism of Actions, 2022

Number of Products by Stage and Mechanism of Actions, 2022

Number of Products by Top 10 Routes of Administration, 2022

Number of Products by Stage and Top 10 Routes of Administration, 2022

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) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

Product link: <https://marketpublishers.com/r/C62FD8C24D80EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C62FD8C24D80EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970