

WEE1 protein inhibitors - Pipeline Insight, 2022

<https://marketpublishers.com/r/W794ED46A822EN.html>

Date: January 2022

Pages: 60

Price: US\$ 1,500.00 (Single User License)

ID: W794ED46A822EN

Abstracts

This report can be delivered to the clients within 48 hours

DelveInsight's, "WEE1 protein inhibitors - Pipeline Insight, 2022" report provides comprehensive insights about 5+ companies and 5+ pipeline drugs in WEE1 protein inhibitors pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

Geography Covered

Global coverage

WEE1 protein inhibitors Understanding

WEE1 protein inhibitors: Overview

WEE1 is a key regulator of the cell cycle that has been a target of cancer drug discovery efforts for more than a decade. The WEE1 kinase family consists of three serine/threonine kinases sharing conserved molecular structures and encoded by the following genes: WEE1 (WEE1 G2 Checkpoint Kinase), PKMYT1 (membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase), and WEE1B (WEE2 oocyte meiosis inhibiting kinase). Wee1-like protein kinase is a tyrosine kinase with a key role as an inhibitory regulator of the G2/M checkpoint that precedes entry into mitosis. Abrogation of this checkpoint through Wee1 inhibition may result in increased antitumor activity of agents that cause DNA damage such as radiation therapy or some cytotoxic agents. This has been confirmed in preclinical studies and results of clinical

studies evaluating a Wee1 inhibitor are awaited to establish its activity in combination with chemotherapy.

'WEE1 protein inhibitors - Pipeline Insight, 2022' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the WEE1 protein inhibitors pipeline landscape is provided which includes the disease overview and WEE1 protein inhibitors treatment guidelines. The assessment part of the report embraces, in depth WEE1 protein inhibitors commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, WEE1 protein inhibitors collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

Report Highlights

? The companies and academics are working to assess challenges and seek opportunities that could influence WEE1 protein inhibitors R&D. The therapies under development are focused on novel approaches to treat/improve WEE1 protein inhibitors.

WEE1 protein inhibitors Emerging Drugs Chapters

This segment of the WEE1 protein inhibitors report encloses its detailed analysis of various drugs in different stages of clinical development, including phase II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

WEE1 protein inhibitors Emerging Drugs

Adavosertib: AstraZeneca

Adavosertib selectively targets and inhibits WEE1, which prevents the phosphorylation of CDC2 and impairs the G2 DNA damage checkpoint. WEE1 phosphorylates cyclin-dependent kinase 2 (CDC2) to inactivate the CDC2/cyclin B complex, regulating the G2 DNA damage checkpoint. The drug is currently in the Phase II stage of clinical trial evaluation to treat Ovarian Cancer. AZD1775 has received Orphan Drug designation in

the European Union for this indication.

Further product details are provided in the report.....

WEE1 protein inhibitors: Therapeutic Assessment

This segment of the report provides insights about the different WEE1 protein inhibitors drugs segregated based on following parameters that define the scope of the report, such as:

? Major Players in WEE1 protein inhibitors

There are approx. 5+ key companies which are developing the therapies for WEE1 protein inhibitors. The companies which have their WEE1 protein inhibitors drug candidates in the most advanced stage, i.e. phase II include AstraZeneca.

? Phases

DelveInsight's report covers around 5+ products under different phases of clinical development like

Late stage products (Phase III)

Mid-stage products (Phase II)

Early-stage product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

? Route of Administration

WEE1 protein inhibitors pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Subcutaneous

Intravenous

Intramuscular

? Molecule Type

Products have been categorized under various Molecule types such as

Peptides

Polymer

Small molecule

? Product Type

Drugs have been categorized under various product types like Mono, Combination and Mono/Combination.

WEE1 protein inhibitors: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses WEE1 protein inhibitors therapeutic drugs key players involved in developing key drugs.

Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging WEE1 protein inhibitors drugs.

WEE1 protein inhibitors Report Insights

WEE1 protein inhibitors Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

WEE1 protein inhibitors Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Treatment Scenario and Emerging Therapies:

How many companies are developing WEE1 protein inhibitors drugs?

How many WEE1 protein inhibitors drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of WEE1 protein inhibitors?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the WEE1 protein inhibitors therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for WEE1 protein inhibitors and their status?

What are the key designations that have been granted to the emerging drugs?

Contents

Introduction

Executive Summary

WEE1 protein inhibitors: Overview

? Structure

? Function

? WEE1 protein inhibitors

Pipeline Therapeutics

? Comparative Analysis

Therapeutic Assessment

? Assessment by Product Type

? Assessment by Stage and Product Type

? Assessment by Route of Administration

? Assessment by Stage and Route of Administration

? Assessment by Molecule Type

? Assessment by Stage and Molecule Type

Mid Stage Products (Phase II)

? Comparative Analysis

Adavosertib: AstraZeneca

? Product Description

? Research and Development

? Product Development Activities

Drug profiles in the detailed report.....

Early Stage Products (Phase I)

? Comparative Analysis

IMP 7068: Impact Therapeutics

? Product Description

? Research and Development

? Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

? Comparative Analysis

WEE1 protein inhibitors Key Companies

WEE1 protein inhibitors Key Products

WEE1 protein inhibitors- Unmet Needs

WEE1 protein inhibitors- Market Drivers and Barriers

WEE1 protein inhibitors- Future Perspectives and Conclusion

WEE1 protein inhibitors Analyst Views

WEE1 protein inhibitors Key Companies
Appendix

I would like to order

Product name: WEE1 protein inhibitors - Pipeline Insight, 2022

Product link: <https://marketpublishers.com/r/W794ED46A822EN.html>

Price: US\$ 1,500.00 (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/W794ED46A822EN.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