

Adenosine Antagonists - Pipeline Insight, 2022

<https://marketpublishers.com/r/A8333602EF4EN.html>

Date: January 2022

Pages: 90

Price: US\$ 2,000.00 (Single User License)

ID: A8333602EF4EN

Abstracts

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DelveInsight's, "Adenosine Antagonists - Pipeline Insight, 2022" report provides comprehensive insights about 30+ companies and 30+ pipeline drugs in Adenosine Antagonists 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

Adenosine Antagonists Understanding

Adenosine Antagonists: Overview

Adenosine is a naturally occurring nucleoside and an essential component of the energy production and utilization systems of the body. Adenosine is formed by the degradation of adenosine-triphosphate (ATP) during energy-consuming processes. Adenosine regulates numerous physiological processes through activation of four subtypes of G-protein coupled membrane receptors viz. A1, A2A, A2B and A3. Its physiological importance depends on the affinity of these receptors and the extracellular concentrations reached. ATP acts as a neurotransmitter in both peripheral and central nervous systems. Adenosine has been traditionally considered an inhibitor of neuronal activity and a regulator of cerebral blood flow. Since adenosine is neuroprotective against excitotoxic and metabolic dysfunctions observed in neurological and ocular

diseases, the search for adenosine-related drugs regulating adenosine transporters and receptors can be important for advancement of therapeutic strategies against these diseases.

'Adenosine Antagonists - Pipeline Insight, 2022' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the Adenosine Antagonists pipeline landscape is provided which includes the disease overview and Adenosine Antagonists treatment guidelines. The assessment part of the report embraces, in depth Adenosine Antagonists 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, Adenosine Antagonists 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 Adenosine Antagonists R&D. The therapies under development are focused on novel approaches to treat/improve Adenosine Antagonists.

Adenosine Antagonists Emerging Drugs Chapters

This segment of the Adenosine Antagonists 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.

Adenosine Antagonists Emerging Drugs

AZD4635/Imaradenant: AstraZeneca

AZD4635 is a novel, potent, small molecule, adenosine A2a receptor antagonist discovered by Sosei Heptare and licensed to AstraZeneca in 2015. The blockade of adenosine production in the tumor micro-environment is quickly emerging as one of the

leading immuno-oncology treatment approaches and AZD4635 is one of the most advanced A2a receptor antagonists under investigation. AZD4635 is in a Phase II clinical trial for patients with metastatic castration resistant prostate cancer (mCRPC). AZD4635 is also being investigated in an ongoing Phase I clinic study in patients with Advanced Solid Malignancies.

AZD4635 has been designed to have a low molecular weight, good solubility and attractive drug-like properties coupled with high potency and selectivity, allowing it to be given at very high doses required to overcome the local high concentrations of adenosine.

Etrumadenant: Arcus Biosciences

Etrumadenant is a dual adenosine A2A and A2B receptor antagonists. Adenosine is a powerful immunosuppressive substance produced inside tumors as a result of rapid cancer cell turnover and, in some cases, in connection with certain anti-tumor interventions, such as chemotherapy and radiation. The A2a/A2b receptors, expressed on the surface of immune cells, mediate the immunosuppressive effects of adenosine. It is currently in Phase II stage of development for the treatment of Non-small cell lung cancer and is being developed by Arcus Biosciences.

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

Adenosine Antagonists: Therapeutic Assessment

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

Major Players in Adenosine Antagonists

There are approx. 30+ key companies which are developing the therapies for Adenosine Antagonists. The companies which have their Adenosine Antagonists drug candidates in the most advanced stage, i.e. Phase II include, AstraZeneca.

Phases

DelveInsight's report covers around 30+ 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

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

Oral

Parenteral

Intravenous

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Monoclonal Antibody

Peptides

Polymer

Small molecule

Gene therapy

Product Type

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

Adenosine Antagonists: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Adenosine Antagonists 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 Adenosine Antagonists drugs.

Adenosine Antagonists Report Insights

Adenosine Antagonists Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Adenosine Antagonists 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 Adenosine Antagonists drugs?

How many Adenosine Antagonists drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Adenosine Antagonists?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Adenosine Antagonists 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 Adenosine Antagonists and their status?

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

Key Players

Incyte Corporation

Arcus Biosciences

Corvus Pharmaceuticals

Tarus Therapeutics

Dizal Pharmaceutical

iTeos Therapeutics

Teon Therapeutics

Key Products

INCB-106385

Etrumadenant

Ciforadenant

TT-4

TT-53

TT-10

DZD2269

Inupadenant

TT-228

TT-702

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Drug profiles in the detailed report.....

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- Comparative Analysis

Etrumadenant: Arcus Biosciences

- Product Description
- Research and Development
- Product Development Activities

Drug profiles in the detailed report.....

Early stage products (Phase I)

- Comparative Analysis

INCB-106385: Incyte Corporation

- Product Description
- Research and Development
- Product Development Activities

Drug profiles in the detailed report.....

Preclinical stage products

- Comparative Analysis

TT-228: Teon Therapeutics

- Product Description
- Research and Development
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Drug profiles in the detailed report.....

Inactive Products

- Comparative Analysis

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