

Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) - Pipeline Review, H2 2018

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Abstracts

Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) - Pipeline Review, H2 2018

SUMMARY

Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) pipeline Target constitutes close to 11 molecules. Out of which approximately 10 molecules are developed by companies and remaining by the universities/institutes. The latest report Nicotinamide Phosphoribosyltransferase - Pipeline Review, H2 2018, outlays comprehensive information on the Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) - Nicotinamide phosphoribosyltransferase (NAMPTase) is an enzyme encoded by the PBEF1 gene. This protein has also been reported to be a cytokine (PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis. NAMPTase catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and

improving insulin sensitivity.

The molecules developed by companies in Phase II, Preclinical and Discovery stages are 1, 8 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecule, respectively. Report covers products from therapy areas Oncology, Central Nervous System, Cardiovascular, Immunology and Respiratory which include indications Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Age Related Memory Impairment, Amyotrophic Lateral Sclerosis, Depression, Lymphoma, Multiple Myeloma (Kahler Disease), Parkinson's Disease, Acute Lung Injury, Breast Cancer, Colon Cancer, Idiopathic Pulmonary Fibrosis, Inflammation, Leukemias, Lung Cancer, Nerve Injury, Neuroendocrine Tumors, Non-Hodgkin Lymphoma, Pain, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Pulmonary Arterial Hypertension, Renal Cell Carcinoma, Sarcomas, Solid Tumor and Waldenstrom Macroglobulinemia (Lymphoplasmacytic Lymphoma).

Furthermore, this report also reviews key players involved in Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) 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 Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12)

The report reviews Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) 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 Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) targeted therapeutics and enlists all their major and minor projects

The report assesses Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) 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 Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) 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 Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12)

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 Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) 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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Angelini Group

Aurigene Discovery Technologies Ltd

Calico LLC

Eli Lilly and Co

Genentech Inc

Karyopharm Therapeutics Inc

OncoTartis Inc

Nicotinamide Phosphoribosyltransferase (Visfatin or Pre B Cell Colony Enhancing Factor 1 or NAMPT or EC 2.4.2.12) - Drug Profiles

AU-4869 - Drug Profile

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Mechanism Of Action

R&D Progress

Drugs to Inhibit NAMPT for Inflammation and Pain - Drug Profile

Product Description

Mechanism Of Action

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enamptcumab - Drug Profile

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Product Description

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R&D Progress

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Mechanism Of Action

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OT-82 - Drug Profile

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Mechanism Of Action

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Mechanism Of Action

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Featured News & Press Releases

Mar 19, 2018: Karyopharm to Present Preclinical Data on KPT-9274 at the American Association for Cancer Research 2018 Annual Meeting

Sep 08, 2017: Karyopharm Announces Presentation of KPT-9274 Clinical Data at European Society of Medical Oncology 2017 Annual Meeting

Aug 30, 2017: Karyopharm Announces the Presentation of KPT-9274 Clinical Data at the European Society of Medical Oncology 2017 Annual Meeting

Aug 01, 2016: Pharmatek, a San Diego based contract development & manufacturing company, started the development of OT-82 dosage form for human clinical studies

Jun 27, 2016: OncoTartis: Initiated OT-82 GLP Toxicology and Safety Pharmacology studies

Jun 22, 2016: Karyopharm Initiates Phase 1 Clinical Trial with KPT-9274

Mar 16, 2016: Karyopharm to Present Data on Oncology drug KPT-9274 at the 2016 American Association for Cancer Research Annual Meeting

Mar 15, 2016: OncoTartis Provides Update on OT-82

Apr 18, 2015: Aurigene to Present its NAMPT Inhibitors Programs at AACR 2015

Mar 30, 2015: Oncotartis in collaboration with scientists from the Children's Cancer Institute of Australia for Medical Research initiated testing of OT-82

Oct 30, 2014: OncoTartis Provides Update on Toxicology study of OT-82

May 16, 2014: Nanosyn, a Santa Clara, CA based chemistry CRO, completed process development for scaling up and manufacturing OT-82 drug candidate on a kilo scale

Nov 01, 2013: Novel drug discovery method designed by Stanford scientists

Apr 02, 2013: Aurigene To Present Poster On NAMPT Inhibitor Program At AACR 2013

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COMPANIES MENTIONED

AbbVie Inc

Angelini Group

Aurigene Discovery Technologies Ltd

Calico LLC

Eli Lilly and Co

Genentech Inc

Karyopharm Therapeutics Inc

OncoTartis Inc

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