

Non Receptor Tyrosine Protein Kinase TYK2 - Pipeline Review, H2 2019

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Abstracts

Non Receptor Tyrosine Protein Kinase TYK2 - Pipeline Review, H2 2019

SUMMARY

Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) pipeline Target constitutes close to 24 molecules. Out of which approximately 23 molecules are developed by companies and remaining by the universities/institutes. The latest report Non Receptor Tyrosine Protein Kinase TYK2 - Pipeline Review, H2 2019, outlays comprehensive information on the Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) - Non-receptor tyrosine-protein kinase TYK2 is an enzyme encoded by the TYK2 gene. It is involved in intracellular signal transduction by involving in the initiation of type I IFN signaling. It phosphorylates the interferon-alpha/beta receptor alpha chain. It plays an import role in inflammation. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 2, 5, 2, 12 and 2 respectively. Similarly, the universities portfolio in Discovery stages comprises 1 molecules, respectively. Report covers products from therapy areas Immunology, Gastrointestinal, Oncology, Musculoskeletal Disorders, Central Nervous System, Dermatology, Respiratory, Metabolic Disorders and Undisclosed which include indications Ulcerative Colitis, Psoriasis, Crohn's Disease (Regional Enteritis), Inflammatory Bowel Disease, Inflammation, Multiple Sclerosis, Plaque Psoriasis (Psoriasis Vulgaris), Rheumatoid Arthritis, Systemic Lupus Erythematosus, T-Cell Acute Lymphocytic Leukemia (T-Cell



Acute Lymphoblastic Leukaemia), Alopecia Areata, Anaplastic Large Cell Lymphoma (ALCL), Asthma, Atopic Dermatitis (Atopic Eczema), Autoimmune Disorders, Hidradenitis Suppurativa, Psoriatic Arthritis, Vitiligo, Angioimmunoblastic T-Cell Lymphoma (AITL)/Immunoblastic Lymphadenopathy, Ankylosing Spondylitis (Bekhterev's Disease), Arthritis, B-Cell Chronic Lymphocytic Leukemia, B-Cell Non-Hodgkin Lymphoma, Colon Cancer, Colorectal Cancer, Cutaneous T-Cell Lymphoma, Diabetic Macular Edema, Diffuse Large B-Cell Lymphoma, Fibrosis, Follicular Lymphoma, Hypersensitivity, Kidney Cancer (Renal Cell Cancer), Lung Transplant Rejection, Lupus Erythematosus, Lupus Nephritis, Lymphoma, Mantle Cell Lymphoma, Marginal Zone B-cell Lymphoma, Pancreatic Cancer, Peripheral T-Cell Lymphomas (PTCL), Skin Cancer, Unspecified and Waldenstrom Macroglobulinemia (Lymphoplasmacytic Lymphoma).

Furthermore, this report also reviews key players involved in Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) 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.

SCOPE

The report provides a snapshot of the global therapeutic landscape for Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2)

The report reviews Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) 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 Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) targeted therapeutics and enlists all their



major and minor projects

The report assesses Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) 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 Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) 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 Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2)

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 Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) 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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Amgen Inc

Bristol-Myers Squibb Co

Merck & Co Inc

Nimbus Therapeutics LLC

Oncostellae SL

Pfizer Inc

Portola Pharmaceuticals Inc.

Sareum Holdings Plc

Simcere Pharmaceutical Group

Takeda Pharmaceutical Co Ltd

Theravance Biopharma Inc

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Mechanism Of Action

R&D Progress

ARRY-624 - Drug Profile

Product Description

Mechanism Of Action



R&D Progress

BMS-986165 - Drug Profile

Product Description

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Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) - Product

Development Milestones

Featured News & Press Releases

Dec 09, 2019: Portola Pharmaceuticals presents new interim data at the 61st ASH meeting on its oral SYK/JAK inhibitor Cerdulatinib in heavily pre-treated patients with relapsed/refractory follicular lymphoma

Dec 08, 2019: Portola Pharmaceuticals presents new interim data from ongoing phase 2a study of its oral SYK/JAK inhibitor cerdulatinib in heavily pre-treated T-Cell Malignancies

Dec 03, 2019: Theravance Biopharma announces dosing of first patient in phase 2 allergen challenge study of TD-8236, an investigational, Lung-selective, inhaled panjanus kinase (JAK) inhibitor for inflammatory lung diseases

Dec 03, 2019: Dermavant announces first patient dosed in phase 2a clinical trial of topical dual JAK/Syk inhibitor Cerdulatinib for Vitiligo

Oct 30, 2019: Sareum presents data highlighting the anti-tumour activity of TYK2/JAK1 Inhibitor SDC-1802 in multiple cancer disease models via a novel immunotherapeutic mechanism of action

Oct 17, 2019: Sareum Holdings -Research Update -AACR-NCI-EORTC abstract Sep 27, 2019: Sareum TYK2/JAK1 Inhibitor SDC-1802 Demonstrates Anti-tumour Activity in Multiple Cancer Disease Models

Sep 09, 2019: Theravance Biopharma reports positive results from phase 1 clinical trial of TD-8236, an investigational, lung-selective, inhaled Pan-Janus Kinase (JAK) inhibitor for inflammatory lung diseases



Jun 19, 2019: Portola presents new interim data on its oral SYK/JAK inhibitor cerdulatinib in heavily pre-treated patients with Relapsed/Refractory Follicular Lymphoma

May 21, 2019: Theravance Biopharma reports data from phase 1b study of TD-1473 in oral presentation at Digestive Disease Week (DDW) 2019

May 14, 2019: Theravance Biopharma announces data from phase 1b study of TD-1473 to be featured in oral presentation at Digestive Disease Week (DDW) 2019 Apr 23, 2019: Oncostellae expands partnering activities for OST-122 at the 2019 BIO Int'l Convention in Philadelphia

Mar 12, 2019: Theravance Biopharma announces first patient dosed in phase 2b/3 study of TD-1473 in patients with ulcerative colitis

Dec 06, 2018: Dermavant Sciences to present new data on Cerdulatinib for atopic dermatitis and vitiligo at the 3rd Annual Inflammatory Skin Disease Summit Dec 03, 2018: Updated interim results from ongoing phase 2a study of Portola Pharmaceuticals' oral Syk/JAK inhibitor Cerdulatinib continues to demonstrate clinical responses in heavily pre-treated T-Cell Malignancies

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COMPANIES MENTIONED

AbbVie Inc

Amgen Inc

Bristol-Myers Squibb Co

Merck & Co Inc

Nimbus Therapeutics LLC

Oncostellae SL

Pfizer Inc

Portola Pharmaceuticals Inc

Sareum Holdings Plc

Simcere Pharmaceutical Group

Takeda Pharmaceutical Co Ltd

Theravance Biopharma Inc



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