

# Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) - Pipeline Review, H1 2018

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# **Abstracts**

Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) - Pipeline Review, H1 2018

#### SUMMARY

Non Receptor Tyrosine Protein Kinase TYK2 (TYK2 or EC 2.7.10.2) pipeline Target constitutes close to 19 molecules. Out of which approximately 18 molecules are developed by companies and remaining by the universities/institutes. The latest report Non Receptor Tyrosine Protein Kinase TYK2 - Pipeline Review, H1 2018, 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 II, Phase I, Preclinical and Discovery stages are 3, 3, 9 and 3 respectively. Similarly, the universities portfolio in Discovery stages comprises 1 molecules, respectively. Report covers products from therapy areas Immunology, Gastrointestinal, Oncology, Central Nervous System, Dermatology, Musculoskeletal Disorders and Undisclosed which include indications Ulcerative Colitis, Psoriasis, Autoimmune Disorders, Inflammation, Inflammatory Bowel Disease, Acute Lymphocytic Leukemia (ALL, Acute Lymphoblastic Leukemia), Crohn's Disease (Regional Enteritis), Multiple Sclerosis, Plaque Psoriasis (Psoriasis Vulgaris),



Rheumatoid Arthritis, Alopecia, Arthritis, B-Cell Chronic Lymphocytic Leukemia, B-Cell Non-Hodgkin Lymphoma, Cutaneous T-Cell Lymphoma, Diffuse Large B-Cell Lymphoma, Follicular Lymphoma, Hypersensitivity, Lupus Erythematosus, Lupus Nephritis, Mantle Cell Lymphoma, Marginal Zone B-cell Lymphoma, Peripheral T-Cell Lymphomas (PTCL), Systemic Lupus Erythematosus, T-Cell Leukemia, Unspecified and Waldenstrom Macroglobulinemia.

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.

**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 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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Array BioPharma Inc

Bristol-Myers Squibb Co

Nimbus Therapeutics LLC

Pfizer Inc

Portola Pharmaceuticals Inc

Sareum Holdings Plc

Takeda Pharmaceutical Co Ltd

Theravance Biopharma Inc

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

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**Product Description** 

Mechanism Of Action

R&D Progress

BMS-986165 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 

cerdulatinib - Drug Profile

**Product Description** 

Mechanism Of Action



**R&D Progress** 

NDI-031232 - Drug Profile

**Product Description** 

Mechanism Of Action

R&D Progress

NDI-031301 - Drug Profile

**Product Description** 

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NDI-031407 - Drug Profile

**Product Description** 

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Mechanism Of Action

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Featured News & Press Releases

Dec 19, 2017: Patent Grants in Japan and China for Sareum's TYK2 Inhibitors

Dec 19, 2017: Sareum announces the Patent Grants in Japan and China for Sareum's

TYK2 Inhibitors

Nov 30, 2017: Portola Pharmaceuticals to Present New Data on Cerdulatinib at the 59th

American Society of Hematology (ASH) Annual Meeting

Aug 08, 2017: Theravance Biopharma Reports Encouraging Data from First Cohort of



Patients in Phase 1b Clinical Trial of TD-1473 in Ulcerative Colitis

Jun 23, 2017: European Hematology Association: Two is better than one: The Dual SYK/JAK Inhibitor Cerdulatinib Demonstrates Rapid Tumor Responses in a Phase 2 Study for Relapsed/Refractory NHL

Jun 15, 2017: Portola Pharmaceuticals Presents Interim Phase 2a Safety and Efficacy Data for Cerdulatinib at the International Congress of Malignant Lymphoma Jun 14, 2017: Bristol-Myers Squibb To Present on BMS-986165 at the Annual European Congress of Rheumatology (EULAR 2017)

May 18, 2017: Portola Pharmaceuticals Announces Phase 2a Safety and Efficacy Cerdulatinib Data to be Presented at the European Hematology Association

May 09, 2017: Portola Pharmaceuticals Announces Cerdulatinib Data to be Presented at the International Conference on Malignant Lymphoma

Feb 17, 2017: Theravance Biopharma Presents Positive Clinical Data on TD-1473 at the 12th Congress of the European Crohn's and Colitis Organization

Feb 13, 2017: Theravance Biopharma to Present Clinical Data on TD-1473 at the 12th Congress of the European Crohn's and Colitis Organization

Nov 29, 2016: Sareum to Present TYK2 Cancer Research Programme at the 2016 AACR-NCI-EORTC International Conference

Nov 28, 2016: Portola Pharmaceuticals Announces Cerdulatinib Data to be Presented at 2016 American Society of Hematology Annual Meeting and Exposition

Oct 24, 2016: Sareum Holdings: Successful Outcome from TYK2 Feasibility Study

Oct 04, 2016: Theravance Biopharma Announces First Subject Dosed in Phase 1b Clinical Trial of TD-1473 in Patients With Moderate to Severe Ulcerative Colitis

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#### **COMPANIES MENTIONED**

Array BioPharma Inc
Bristol-Myers Squibb Co
Nimbus Therapeutics LLC
Pfizer Inc
Portola Pharmaceuticals Inc
Sareum Holdings Plc
Takeda Pharmaceutical Co Ltd
Theravance Biopharma Inc



#### I would like to order

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H1 2018

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