

# **Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) - Pipeline Review, H2 2018**

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## **Abstracts**

Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) - Pipeline Review, H2 2018

### **SUMMARY**

Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) pipeline Target constitutes close to 13 molecules. Out of which approximately 11 molecules are developed by companies and remaining by the universities/institutes. The latest report Serine/Threonine Protein Kinase Pim 1 - Pipeline Review, H2 2018, outlays comprehensive information on the Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) - Proto-oncogene serine/threonine-protein kinase Pim-1 is an enzyme encoded by the PIM1 gene. It promotes cell cycle progression and tumorigenesis by down-regulating expression of a regulator of cell cycle progression CDKN1B at both transcriptional and post-translational levels.

It mediates survival signaling through phosphorylation of BAD which induces release of the anti-apoptotic protein Bcl-X (L)/BCL2L1. It phosphorylation of MAP3K5, another proapoptotic protein by PIM1 significantly decreases MAP3K5 kinase activity and inhibits MAP3K5-mediated phosphorylation of JNK and JNK/p38MAPK subsequently reducing caspase-3 activation and cell apoptosis The molecules developed by

companies in Phase II, Preclinical and Discovery stages are 1, 7 and 3 respectively. Similarly, the universities portfolio in Discovery stages comprises 2 molecules, respectively. Report covers products from therapy areas Oncology, Cardiovascular and Immunology which include indications Prostate Cancer, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Chronic Lymphocytic Leukemia (CLL), Bladder Cancer, Diffuse Large B-Cell Lymphoma, Hematological Tumor, Lymphoma, Myocardial Infarction, Non-Small Cell Lung Carcinoma, Pancreatic Cancer, Psoriasis, Refractory Acute Myeloid Leukemia, Relapsed Acute Myeloid Leukemia, Solid Tumor and Transitional Cell Carcinoma (Urothelial Cell Carcinoma).

Furthermore, this report also reviews key players involved in Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) 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 Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1)

The report reviews Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) 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 Serine/Threonine Protein Kinase Pim

1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) 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 Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) 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 Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) 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 Serine/Threonine Protein Kinase Pim 1 (Oncogene PIM1 or PIM1 or EC 2.7.11.1) 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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Inflection Biosciences Ltd

Jasco Pharmaceuticals LLC

Novartis AG

Sanofi

SARomics Biostructures AB

Tolero Pharmaceuticals Inc

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Oct 23, 2017: Tolero Pharma To Present Preclinical Data Supporting Development of Cancer Drug Candidate TP-3654 for Myc-dependent Triple Negative Breast Cancer

Oct 05, 2017: Tolero Pharma to Deliver Keynote Presentations at 9th International Conference on Leukemia and Hematologic Oncology

Jun 30, 2014: Tolero's PIM Kinase Inhibitor Demonstrates Promising Activity in Preclinical Models of Urothelial Carcinoma

Apr 01, 2013: Jasco Pharma To Present Data On PIM Inhibitor Program At AACR Annual Meeting 2013

Mar 31, 2011: Jasco Pharma To Present Data On Preclinical PIM Inhibitor Program At AACR Annual Meeting

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Incyte Corp

Inflection Biosciences Ltd

Jasco Pharmaceuticals LLC

Novartis AG

Sanofi

SARomics Biostructures AB

Tolero Pharmaceuticals Inc

Yakult Honsha Co Ltd

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