

Rho Associated Protein Kinase 2 - Pipeline Review, H2 2019

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Abstracts

Rho Associated Protein Kinase 2 - Pipeline Review, H2 2019

SUMMARY

Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 or EC 2.7.11.1) - Rho-Associated Protein Kinase 1 (ROCK1) is a protein serine/threonine kinase. It is a key regulator of actin cytoskeleton and cell polarity. It is involved in regulation of smooth muscle contraction, actin cytoskeleton organization, stress fiber and focal adhesion formation, neurite retraction, cell adhesion and motility via phosphorylation of DAPK3, GFAP, LIMK1, LIMK2, MYL9/MLC2, PFN1 and PPP1R12A. It phosphorylates JIP3 and regulates the recruitment of JNK to JIP3 upon UVB-induced stress. It acts as a suppressor of inflammatory cell migration by regulating PTEN phosphorylation and stability. It acts as a negative regulator of VEGF-induced angiogenic endothelial cell activation.

Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 or EC 2.7.11.1) pipeline Target constitutes close to 13 molecules. The molecules developed by companies in Phase II, Phase I and Preclinical stages are 1, 1 and 11 respectively. Report covers products from therapy areas Gastrointestinal, Respiratory, Genito Urinary System And Sex Hormones, Cardiovascular, Immunology, Ophthalmology, Central Nervous System, Metabolic Disorders, Musculoskeletal Disorders, Non Malignant Disorders and Oncology which include indications Idiopathic Pulmonary Fibrosis, Chronic Kidney Disease (Chronic Renal Failure), Glaucoma, Kidney Fibrosis, Non-Alcoholic Steatohepatitis (NASH), Stroke, Acute Renal Failure (ARF) (Acute Kidney Injury),

Cavernous Hemangioma (Cerebral Cavernous Malformation/Cerebral Cavernous Hemangioma), Chronic Obstructive Pulmonary Disease (COPD), Crohn's Disease (Regional Enteritis), Diabetic Nephropathy, Fibrosis, Graft Versus Host Disease (GVHD), Inflammation, Liver Fibrosis, Pain, Plaque Psoriasis (Psoriasis Vulgaris), Rheumatoid Arthritis, Solid Tumor and Systemic Sclerosis (Scleroderma).

The latest report Rho Associated Protein Kinase 2 - Pipeline Review, H2 2019, outlays comprehensive information on the Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 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. It also reviews key players involved in Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 or EC 2.7.11.1) targeted therapeutics development with respective active and dormant or discontinued projects.

The report is built using 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 Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 or EC 2.7.11.1)

The report reviews Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 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 Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 or EC 2.7.11.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 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 Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 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 Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 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 Rho Associated Protein Kinase 2 (Rho Kinase 2 or Rho Associated Coiled Coil Containing Protein Kinase 2 or p164 ROCK 2 or ROCK2 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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Angion Biomedica Corp

Astex Pharmaceuticals Inc

BioAxone BioSciences Inc

HitGen LTD

Kadmon Corp LLC

Redx Pharma Plc

Theratrophix LLC

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Featured News & Press Releases

Dec 16, 2019: BioAxone BioSciences expands patent for treatment of Cerebral Cavernous Malformations and Cerebral Aneurysms with Rho kinase inhibitors

Dec 03, 2019: Kadmon to present updated data from phase 2 study of KD025 in cGVHD at the 61st ASH Annual Meeting & Exposition

Nov 19, 2019: Redx Pharma and Medicines Discovery Catapult awarded grant for biomarker project including Small Molecule to Inhibit ROCK2 for Fibrotic Diseases

Sep 12, 2019: BioAxone BioSciences announces publication in Translational Stroke Research of Cavernous Angioma Disease Research Article

Aug 13, 2019: Kadmon fully enrolls pivotal trial of KD025 for Chronic Graft-Versus-Host Disease

Aug 13, 2019: Kadmon fully enrolls pivotal trial of KD025 for Chronic Graft-Versus-Host Disease

Jul 09, 2019: Kadmon doses first patient in phase 2 clinical trial of KD025 in Systemic Sclerosis

Feb 12, 2019: Redx Pharma: New in vivo data suggests ROCK2 has broad potential in fibrosis

Dec 03, 2018: Kadmon announces updated findings from ongoing phase 2 clinical trial of KD025 in cGVHD at ASH Annual Meeting

Nov 29, 2018: Kadmon presents data on New ROCK Inhibitor clinical candidate at Anti-Fibrotic Drug Development Summit

Nov 01, 2018: Kadmon announces oral presentation on KD025 in Chronic Graft-Versus-Host Disease at ASH Annual Meeting

Oct 26, 2018: Redx announces details from the ROCK2 inhibitor poster presented at the ASN Kidney Week 2018 in San Diego

Oct 25, 2018: Kadmon initiates pivotal phase 2 trial of KD025 in chronic graft-versus-host disease

Oct 22, 2018: Redx ROCK2 inhibitors poster to be presented at the ASN Kidney Week 2018 in San Diego

Oct 17, 2018: FDA grants breakthrough therapy designation to Kadmon's KD025 for chronic graft-versus-host disease

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COMPANIES MENTIONED

AbbVie Inc

Angion Biomedica Corp

Astex Pharmaceuticals Inc

BioAxone BioSciences Inc

HitGen LTD

Kadmon Corp LLC

Redx Pharma Plc

Theratrophix LLC

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