

RAC Alpha Serine/Threonine Protein Kinase - Pipeline Review, H1 2020

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Abstracts

RAC Alpha Serine/Threonine Protein Kinase - Pipeline Review, H1 2020

SUMMARY

According to the recently published report 'RAC Alpha Serine/Threonine Protein Kinase - Pipeline Review, H1 2020'; RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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.

RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 or EC 2.7.11.1) - RAC-alpha serine/threonine-protein kinase is an enzyme encoded by the AKT1 gene. It regulates many processes including metabolism, proliferation, cell survival, growth and angiogenesis. This is mediated through serine or threonine phosphorylation of a range of downstream substrates. It regulates the storage of glucose in the form of glycogen by phosphorylating GSK3A and GSK3B resulting in inhibition of its kinase activity. It act as key modulator of the AKT-mTOR signaling pathway controlling the process of newborn neurons integration during adult neurogenesis, including correct neuron positioning, dendritic development and synapse formation. Signals downstream of phosphatidylinositol 3-kinase to mediate the effects of various growth factors such as platelet-derived growth factor (PDGF), epidermal growth factor (EGF), insulin and insulin-like growth factor I (IGF-I).

The report 'RAC Alpha Serine/Threonine Protein Kinase - Pipeline Review, H1 2020' outlays comprehensive information on the RAC Alpha Serine/Threonine Protein Kinase

(Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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; that are being developed by Companies/Universities.

It also reviews key players involved in RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 or EC 2.7.11.1) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Phase I and Preclinical stages are 1, 5, 2 and 3 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 1 molecules, respectively.

Report covers products from therapy areas Oncology, Hematological Disorders, Non Malignant Disorders and Undisclosed which include indications Endometrial Cancer, Hepatocellular Carcinoma, Melanoma, Non-Small Cell Lung Cancer, Triple-Negative Breast Cancer (TNBC), Metastatic Breast Cancer, Ovarian Cancer, Prostate Cancer, Refractory Acute Myeloid Leukemia, Refractory Multiple Myeloma, Relapsed Acute Myeloid Leukemia, Relapsed Multiple Myeloma, Small-Cell Lung Cancer, Solid Tumor, Anal Cancer, Fallopian Tube Cancer, Gastrointestinal Stromal Tumor (GIST), Lymphoma, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Peritoneal Cancer, Proteus Syndrome, Sickle Cell Disease, Thymoma (Thymic Epithelial Tumor), Unspecified Rare Disease and Uterine Cancer.

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 RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 or EC 2.7.11.1)

The report reviews RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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 RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 or EC 2.7.11.1) targeted therapeutics and enlists all their major and minor projects

The report assesses RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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 RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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 RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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 RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 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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AstraZeneca Plc

Bayer AG

Laekna Therapeutics Shanghai Co Ltd

Merck & Co Inc

Merck KGaA

Novartis AG

Rexahn Pharmaceuticals Inc

RAC Alpha Serine/Threonine Protein Kinase (Protein kinase B or Protein kinase B Alpha or Proto Oncogene c Akt or RAC PK Alpha or AKT1 or EC 2.7.11.1) - Drug Profiles

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Product Description

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COMPANIES MENTIONED

ArQule Inc

AstraZeneca Plc

Bayer AG

Laekna Therapeutics Shanghai Co Ltd

Merck & Co Inc

Merck KGaA

Novartis AG

Rexahn Pharmaceuticals Inc

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