

# RAC Beta SerineThreonine Protein Kinase - Pipeline Review, H2 2019

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## **Abstracts**

RAC Beta SerineThreonine Protein Kinase - Pipeline Review, H2 2019

#### **SUMMARY**

According to the recently published report 'RAC Beta SerineThreonine Protein Kinase - Pipeline Review, H2 2019'; RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 or EC 2.7.11.1) pipeline Target constitutes close to 9 molecules.

RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 or EC 2.7.11.1) - RAC-beta serine/threonine-protein kinase is an enzyme encoded by the AKT2 gene. It plays a role as key modulator of the AKT-mTOR signaling pathway controlling the tempo of the process of newborn neurons integration during adult neurogenesis, including correct neuron positioning, dendritic development and synapse formation. AKT2 is also specifically involved in skeletal muscle differentiation, one of its substrates in this process being ANKRD2.

The report 'RAC Beta SerineThreonine Protein Kinase - Pipeline Review, H2 2019' outlays comprehensive information on the RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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 Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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, 6, 1 and 1 respectively. Report covers products from therapy areas Oncology, Hematological Disorders, Non Malignant Disorders and Undisclosed which include indications Endometrial Cancer, Non-Small Cell Lung Cancer, Triple-Negative Breast Cancer (TNBC), Ovarian Cancer, Fallopian Tube Cancer, Melanoma, Metastatic Breast Cancer, Peritoneal 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, Brain Cancer, Cervical Cancer, Colorectal Cancer, Esophageal Cancer, Gastrointestinal Stromal Tumor (GIST), Glioblastoma Multiforme (GBM), Head And Neck Cancer Squamous Cell Carcinoma, Hepatocellular Carcinoma, Leukemia, Li-Fraumeni Syndrome (LFS), Lymphoma, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Pancreatic Cancer, Proteus Syndrome, Sickle Cell Disease, Thymoma (Thymic Epithelial Tumor), Unspecified Rare Disease and Uterine Cancer.

#### **SCOPE**

The report provides a snapshot of the global therapeutic landscape for RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 or EC 2.7.11.1)

The report reviews RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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 Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 or EC 2.7.11.1) targeted therapeutics and enlists all their major and minor



projects

The report assesses RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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 Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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 Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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 Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B Beta or RAC PK Beta or AKT2 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

Cotinga Pharmaceuticals Inc

Laekna Therapeutics Shanghai Co Ltd

Merck & Co Inc

Novartis AG

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Mechanism Of Action

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RAC Beta Serine/Threonine Protein Kinase (Protein Kinase Akt 2 or Protein Kinase B

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Featured News & Press Releases

Oct 29, 2019: ArQule presents recent data on ARQ 751 at the 2019 AACR-NCI-EORTC

International Conference on Molecular Targets and Cancer Therapeutics

Oct 21, 2019: ArQule announces preclinical data demonstrating potential of Miransertib

(ARQ 092) to treat PIK3CA-driven vascular malformations at 2019 ASHG Annual

Meeting

Oct 16, 2019: ArQule announces presentations on ARQ 751 at the 2019 AACR-NCI-

EORTC International Conference on Molecular Targets and Cancer Therapeutics

Oct 08, 2019: ArQule to Present Preclinical Data on Miransertib for the Treatment of



Vascular Malformations at the 2019 American Society of Human Genetics (ASHG) Annual Meeting

Oct 02, 2019: ArQule announces first patient dosed in registrational MOSIAC trial of Miransertib for the treatment of Proteus Syndrome and PIK3CA-related Overgrowth Spectrum

Jul 18, 2019: Cotinga Pharmaceuticals releases additional interim data of phase 1b/2a combination trial of COTI-2 in solid tumors

Jun 27, 2019: Cotinga Pharmaceuticals doses first patient in third cohort of phase 1b/2a combination trial of COTI-2 in Solid Tumors

Jun 17, 2019: ArQule announces preliminary results from its phase 1/2 study of Miransertib (ARQ 092), in Patients with PIK3CA-related Overgrowth Spectrum (PROS) and Proteus syndrome (PS) in an oral presentation at the European Society of Human Genetics Conference

Jun 10, 2019: ArQule announces oral presentation for its Pan-AKT inhibitor, miransertib, at the 2019 European Society of Human Genetics (ESHG) Conference

Jun 05, 2019: Cotinga Pharmaceuticals announces initiation of next cohort of phase 1b/2a combination trial of COTI-2 in solid tumors

May 08, 2019: Cotinga Pharmaceuticals releases early interim data of phase 1b/2a combination trial of COTI-2 in solid tumors

Mar 19, 2019: Cotinga Pharmacueticals provides scientific and business update at annual general meeting and announces unit offering

Feb 26, 2019: Cotinga Pharmaceuticals doses first patient in second cohort of phase 1b/2a combination trial of COTI-2 in Solid Tumors

Feb 25, 2019: ArQule announces publication of clinical data with Miransertib in Proteus syndrome

Jan 29, 2019: Cotinga Pharmaceuticals doses cohort 1 patients with combination therapy in phase 1b/2a trial of COTI-2

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#### **COMPANIES MENTIONED**

ArQule Inc
AstraZeneca Plc
Bayer AG
Cotinga Pharmaceuticals Inc
Laekna Therapeutics Shanghai Co Ltd
Merck & Co Inc
Novartis AG



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