

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

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## Abstracts

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

### SUMMARY

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. The latest report RAC Beta Serine/Threonine Protein Kinase - Pipeline Review, H1 2020, 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.

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 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, 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 Breast Cancer, 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.

Furthermore, this report 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. 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 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

R&D Progress

BAY-1125976 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

capivasertib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

COTI-2 - Drug Profile

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Mechanism Of Action

R&D Progress

miransertib mesylate - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

MK-2206 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

MK-2206 + selumetinib sulfate - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

trametinib dimethyl sulfoxide + uprosertib - Drug Profile

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uprosertib - Drug Profile

Product Description

Mechanism Of Action

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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) - Dormant Products

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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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