

# RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) - Pipeline Review, H1 2018

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## **Abstracts**

RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) - Pipeline Review, H1 2018

#### **SUMMARY**

RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) pipeline Target constitutes close to 7 molecules. Out of which approximately 7 molecules are developed by Companies. The latest report RAC Gamma Serine Threonine Protein Kinase - Pipeline Review, H1 2018, outlays comprehensive information on the RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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 Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) - RAC-gamma serine/threonine-protein kinase is an enzyme encoded by the AKT3 gene. AKT3 regulate many processes including metabolism, proliferation, cell survival, growth and angiogenesis. It plays an important role in brain development and viability of malignant glioma cells. It is required for the coordination of mitochondrial biogenesis with growth factor-induced increases in cellular energy demands. The molecules developed by



companies in Phase II and Preclinical stages are 6 and 1 respectively. Report covers products from therapy areas Oncology, Cardiovascular, Hematological Disorders, Non Malignant Disorders and Other Diseases which include indications Breast Cancer, Endometrial Cancer, Non-Small Cell Lung Cancer, Cervical Cancer, Ovarian Cancer, Adenoid Cystic Carcinoma (ACC), Colorectal Cancer, Congenital Vascular Malformation, Fallopian Tube Cancer, Gastrointestinal Stromal Tumor (GIST), Hepatocellular Carcinoma, Lung Cancer, Lymphoma, Melanoma, Metastatic Breast Cancer, Metastatic Colorectal Cancer, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Multiple Hamartoma Syndrome, Neuroendocrine Cancer, Orphan Diseases, Peritoneal Cancer, Prostate Cancer, Proteus Syndrome, Refractory Acute Myeloid Leukemia, Refractory Multiple Myeloma, Relapsed Acute Myeloid Leukemia, Relapsed Multiple Myeloma, Renal Cell Carcinoma, Sickle Cell Disease, Small-Cell Lung Cancer, Solid Tumor and Thymoma (Thymic Epithelial Tumor).

Furthermore, this report also reviews key players involved in RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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 Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1)

The report reviews RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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 Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) targeted therapeutics and enlists all their major and minor projects

The report assesses RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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 Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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 Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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 Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B Gamma or RAC PK Gamma or STK 2 or AKT3 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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in Therapeutics Development

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AstraZeneca Plc

Merck & Co Inc

**Novartis AG** 

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B Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) - Drug Profiles

AZD-5363 - Drug Profile

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Mechanism Of Action

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**Development Milestones** 

Featured News & Press Releases

Nov 01, 2017: FDA Grants Rare Pediatric Disease Designation to ArQule's Miransertib (ARQ 092) for the Treatment of Proteus Syndrome

Jun 07, 2017: ArQule Announces First Patient Dosed in Company Sponsored Phase 1/2 Trial of AKT Inhibitor, ARQ 092, for Rare Overgrowth Diseases

May 17, 2017: ArQule to Present Clinical Data on ARQ-092 at the 2017 American Society of Clinical Oncology Annual Meeting

Dec 03, 2016: Preclinical Data on Proprietary AKT Inhibitor, ARQ 092, Demonstrating Effectiveness in the Treatment of Sickle Cell Disease Presented at the American Society of Hematology Annual Meeting

Jan 28, 2016: ArQule Provides Update on ARQ

Nov 17, 2015: ArQule and the National Human Genome Research Institute of the National Institutes of Health Announce Enrollment of First Patient in the Phase 1 Proteus Syndrome Trial With ARQ



Nov 08, 2015: BIND Presents Data on MK-2206, at AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics

Oct 26, 2015: BIND Therapeutics' Presentation at Upcoming AACR-NCI-EORTC Conference Reinforce Potential of Accurin Platform to Develop Best-in-Class Therapeutics

Oct 15, 2015: ArQule Announces Publication of Manuscript Highlighting Activity of AKT Inhibitor ARQ 092 in Oncology

Sep 28, 2015: ArQule Presents Results From Phase 1b Expansion Study of ARQ 092 at the 2015 European Cancer Conference

Nov 13, 2014: ArQule Announces Data Presentations on ARQ 092 at 26th EORTC-NCI-AACR Symposium

Nov 11, 2014: ArQule Announces Collaboration with NIH for Clinical Development of ARQ 092 in Proteus Syndrome

Oct 21, 2013: New Drug Combinations May Benefit Patients With Pancreatic Cancer Apr 09, 2013: ArQule's New AKT Pathway Inhibitor, ARQ 092, Demonstrates Safety, Target Inhibition in Phase I Trial

Apr 07, 2013: AstraZeneca's AKT Inhibitor AZD5363 Well Tolerated, Yieldes Partial Response In Patients With Advanced Solid Tumors, Phase I Study Finds Appendix

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#### **COMPANIES MENTIONED**

ArQule Inc AstraZeneca Plc Merck & Co Inc Novartis AG



#### I would like to order

Product name: RAC Gamma Serine/Threonine Protein Kinase (Protein Kinase Akt 3 or Protein Kinase B

Gamma or RAC PK Gamma or STK 2 or AKT3 or EC 2.7.11.1) - Pipeline Review, H1

2018

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