

# **Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) - Pipeline Review, H2 2017**

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## **Abstracts**

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### **SUMMARY**

Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) pipeline Target constitutes close to 6 molecules. Out of which approximately 5 molecules are developed by companies and remaining by the universities/institutes. The latest report Proto Oncogene Tyrosine Protein Kinase ROS - Pipeline Review, H2 2017, outlays comprehensive information on the Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) - Proto-oncogene tyrosine-protein kinase ROS is an enzyme that in humans is encoded by the ROS1 gene. It activates several downstream signaling pathways related to cell differentiation, proliferation, growth and survival including the PI3 kinase-mTOR signaling pathway. It mediates the phosphorylation of PTPN11, an activator of this

pathway. It phosphorylate and activate the transcription factor STAT3 to control anchorage-independent cell growth. It mediates the phosphorylation and the activation of VAV3, a guanine nucleotide exchange factor regulating cell morphology. The molecules developed by companies in Phase III, Phase II and Phase I stages are 2, 2 and 1 respectively. Similarly, the universities portfolio in Discovery stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology which include indications Non-Small Cell Lung Cancer, Neuroblastoma, Solid Tumor, Anaplastic Large Cell Lymphoma (ALCL), Bile Duct Cancer (Cholangiocarcinoma), Glioblastoma Multiforme (GBM), Metastatic Colorectal Cancer, Neuroendocrine Tumors, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Anaplastic Thyroid Cancer, Brain Cancer, Breast Cancer, Central Nervous System (CNS) Tumor, Clear Cell Squamous Cell Carcinoma, Colorectal Cancer, Fibrosarcoma, Gastric Cancer, Head And Neck Cancer, Metastatic Breast Cancer, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Metastatic Melanoma, Metastatic Ovarian Cancer, Metastatic Transitional (Urothelial) Tract Cancer, Non-Hodgkin Lymphoma, Non-Small Cell Lung Carcinoma, Ovarian Cancer, Pancreatic Cancer, Papillary Renal Cell Carcinoma, Papillary Thyroid Cancer, Prostate Cancer, Renal Cell Carcinoma, Rhabdomyosarcoma, Salivary Gland Cancer and Uveal Melanoma.

Furthermore, this report also reviews key players involved in Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) 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 Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1)

The report reviews Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) 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 Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) 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 Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) 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 Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1)

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 Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) 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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Daiichi Sankyo Co Ltd

Ignyta Inc

Pfizer Inc

Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) - Drug Profiles

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Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) - Dormant Products

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Featured News & Press Releases

Dec 04, 2017: TP Therapeutics Appoints Sheila K. Gujrathi, MD to Board of Directors and as a Strategic Advisor

Nov 14, 2017: XALKORI Approved by Health Canada for the Treatment of Patients with ROS1-Positive Locally Advanced or Metastatic Non-Small Cell Lung Cancer

Oct 17, 2017: Ignyta Receives European Medicines Agency Prime Designation for Entrectinib in NTRK Fusion-Positive Solid Tumors

Oct 17, 2017: Interim Analysis of Ignytas Entrectinib Suggests Potential Best-in-Class Profile as a First-Line Targeted Therapy in Patients With ROS1-Positive Non-Small Cell Lung Cancer

Oct 17, 2017: Promising Phase 1/2 Results for Entrectinib Against ROS1+ Non-Small Cell Lung Cancer

Oct 16, 2017: Pfizer Presents Full Results From Phase 2 Study of Next-generation Investigational ALK-inhibitor Lorlatinib in ALK-positive and ROS1-positive Advanced Non-small Cell Lung Cancer

Sep 27, 2017: Ignyta Announces Updated Data on Entrectinib in ROS1 NSCLC to Be Presented at the IASLC 18th World Conference on Lung Cancer

Sep 11, 2017: Pfizer Presents Overall Survival Data of XALKORI in Patients With ALK-

positive Advanced Non-small Cell Lung Cancer

Sep 11, 2017: Ignyta to Provide Update on Entrectinib at ESMO 2017 Congress

Sep 07, 2017: Ignyta To Host Conference Call And Live Webcast On September 11 To Provide Pipeline Review, Including Lead Candidate Entrectinib

Sep 06, 2017: Ignyta Provides Regulatory Update on Entrectinib ROS1 Lung Cancer Development Program

Aug 31, 2017: Daiichi Sankyo to Present Data on Tumor Drug Candidate DS-6051 at the European Society for Medical Oncology 2017 Congress

Aug 30, 2017: New approach to genetic testing matches lung cancer patient with life-saving drug

Aug 30, 2017: Ignyta to Host Conference Call and Webcast on Entrectinib ROS1 Lung Cancer Update on September 6, 2017

Jul 10, 2017: Ignyta Receives FDA Orphan Drug Designation for Entrectinib for Treatment of NTRK Fusion-Positive Solid Tumors

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### COMPANIES MENTIONED

Daiichi Sankyo Co Ltd  
Ignyta Inc  
Pfizer Inc

## I would like to order

Product name: Proto Oncogene Tyrosine Protein Kinase ROS (Proto Oncogene c Ros 1 or Receptor Tyrosine Kinase c Ros Oncogene 1 or c Ros Receptor Tyrosine Kinase or ROS1 or EC 2.7.10.1) - Pipeline Review, H2 2017

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