

# **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, H1 2018**

<https://marketpublishers.com/r/P19E590CE1DEN.html>

Date: June 2018

Pages: 67

Price: US\$ 3,500.00 (Single User License)

ID: P19E590CE1DEN

## **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) - 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.

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 molecules developed by companies in Pre-Registration, Phase III, Phase II and Phase I stages are 1, 1, 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, Anaplastic Large Cell Lymphoma (ALCL), Neuroblastoma, Solid Tumor, Bile Duct Cancer (Cholangiocarcinoma), Colorectal Cancer, 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, 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.

The latest report Proto Oncogene Tyrosine Protein Kinase ROS - Pipeline Review, H1 2018, 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. It 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.

The report is built using 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

## Contents

Introduction

Global Markets Direct Report Coverage

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) - Overview

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) - Therapeutics Development

Products under Development by Stage of Development

Products under Development by Therapy Area

Products under Development by Indication

Products under Development by Companies

Products under Development by Universities/Institutes

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) - Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by 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) - Companies Involved in Therapeutics Development

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

crizotinib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

DS-6051 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

entrectinib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

lorlatinib - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

TPX-0005 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

WY-135 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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

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) - Product Development Milestones

Featured News & Press Releases

Jun 02, 2018: Updated Phase 1 results of crizotinib against MET-amplified non-small cell lung cancer

May 29, 2018: Pfizer's XALKORI (crizotinib) Receives FDA Breakthrough Therapy Designation in Two New Indications

May 14, 2018: TP Therapeutics Appoints Athena Countouriotis, M.D., as EVP and Chief Medical Officer

Apr 15, 2018: Crizotinib Yielded a High Objective Response Rate for Adult Patients With ALK-positive Inflammatory Myofibroblastic Tumor

Apr 02, 2018: Lung cancer drug shows promise as targeted therapy for thousands with breast cancer

Feb 27, 2018: TP Therapeutics Appoints Lewis Shuster to Board of Directors

Feb 12, 2018: U.S., EU and Japan Health Authorities Accept Regulatory Submissions for Review of Pfizer's Third-Generation ALK Inhibitor Lorlatinib

Feb 05, 2018: Adding crizotinib to radiation therapy may help preserve hearing in patients with NF2

Dec 08, 2017: Largest trial ever performed in alveolar soft part sarcoma: results published

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

Appendix

Methodology

Coverage

Secondary Research

Primary Research

Expert Panel Validation

Contact Us

Disclaimer

## List Of Tables

### LIST OF TABLES

Number of Products under Development by Stage of Development, H1 2018  
Number of Products under Development by Therapy Areas, H1 2018  
Number of Products under Development by Indications, H1 2018  
Number of Products under Development by Indications, H1 2018 (Contd..1), H1 2018  
Number of Products under Development by Companies, H1 2018  
Products under Development by Companies, H1 2018  
Products under Development by Companies, H1 2018 (Contd..1), H1 2018  
Products under Development by Companies, H1 2018 (Contd..2), H1 2018  
Number of Products under Investigation by Universities/Institutes, H1 2018  
Products under Investigation by Universities/Institutes, H1 2018  
Number of Products by Stage and Mechanism of Actions, H1 2018  
Number of Products by Stage and Route of Administration, H1 2018  
Number of Products by Stage and Molecule Type, H1 2018  
Pipeline by Daiichi Sankyo Co Ltd, H1 2018  
Pipeline by Ignyta Inc, H1 2018  
Pipeline by Pfizer Inc, H1 2018  
Dormant Projects, H1 2018



## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H1 2018

Number of Products under Development by Top 10 Indications, H1 2018

Number of Products by Stage and Mechanism of Actions, H1 2018

Number of Products by Stage and Route of Administration, H1 2018

Number of Products by Stage and Route of Administration, H1 2018

### 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, H1 2018

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