

# **Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Pipeline Review, H2 2017**

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## **Abstracts**

Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Pipeline Review, H2 2017

### **SUMMARY**

Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) pipeline Target constitutes close to 10 molecules. Out of which approximately 9 molecules are developed by companies and remaining by the universities/institutes. The latest report Activin Receptor Type 1 - Pipeline Review, H2 2017, outlays comprehensive information on the Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Activin A receptor type I (ACVR1) is a protein is encoded by the ACVR1 gene. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. It acts as a receptor for activin. It is involved for left-right pattern formation during embryogenesis.

The molecules developed by companies in Phase II, Preclinical and Discovery stages are 1, 6 and 2 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Musculoskeletal Disorders, Hematological Disorders, Cardiovascular, Gastrointestinal, Genetic Disorders, Genito Urinary System And Sex Hormones, Metabolic Disorders and Toxicology which include indications Fibrodysplasia Ossificans Progressiva (Myositis Ossificans Progressiva), Alport Syndrome, Anemia, Anemia of Chronic Disease, Chemotherapy Induced Anemia, Chronic Kidney Disease (Chronic Renal Failure), Hepatic Injury, Kidney Fibrosis, Myocardial Fibrosis, Obesity, Osteoarthritis and Type 2 Diabetes.

Furthermore, this report also reviews key players involved in Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) 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 Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30)

The report reviews Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) 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 Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) targeted therapeutics and enlists all their major and minor projects

The report assesses Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) 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 Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) 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 Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30)

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 Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) 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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Blueprint Medicines Corp

Daiichi Sankyo Co Ltd

La Jolla Pharmaceutical Company

Oncodesign SA

Tolero Pharmaceuticals Inc

Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Drug Profiles

Antibody to Antagonize ALK2 for Fibrodysplasia Ossificans Progressiva - Drug Profile

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R&D Progress

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Product Description

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R&D Progress

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Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Dormant Products

*Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF...*

Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Product Development Milestones

Featured News & Press Releases

Nov 15, 2016: Tolero Pharmaceuticals to Present Progress of Anemia Program at the 58th ASH Annual Meeting and Exposition

Dec 07, 2015: Tolero Pharmaceuticals Presents Positive Preclinical Data on Hepcidin Inhibition for the Treatment of Anemia Associated with Chronic Disease

Nov 12, 2015: Tolero Pharmaceuticals Presents Positive Clinical and Preclinical Data on TP-0184 in Leukemia and Anemia at the 57th ASH Annual Meeting and Exposition

Oct 19, 2015: Ember Therapeutics Announce Initial Positive Results From a Phase 2 Trial of BMP-7 in Patients with Moderate Osteoarthritis of the Knee

Aug 18, 2015: La Jolla Pharmaceutical Company Receives Orphan Drug Designation for Two Novel Compounds for Fibrodysplasia Ossificans Progressiva

Jun 16, 2015: Tolero Pharmaceuticals Presents Positive Preclinical Data on Hepcidin Inhibition for the Treatment of Anemia Associated with Chronic Disease

Jun 04, 2015: Tolero Pharmaceuticals to Present Preclinical Pipeline Data On TP-0184 at the 20th Congress of European Hematology Association, EHA

Apr 18, 2013: La Jolla Pharma Receives Orphan Designation From FDA For LJPC-6417

Nov 16, 2011: Hormone That Controls Iron Levels May Be Target for Atherosclerosis Treatment

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Number of Products by Stage and Molecule Types, H2 2017

### COMPANIES MENTIONED

Blueprint Medicines Corp

Daiichi Sankyo Co Ltd

La Jolla Pharmaceutical Company

Oncodesign SA

Tolero Pharmaceuticals Inc

## I would like to order

Product name: Activin Receptor Type 1 (Activin Receptor Like Kinase 2 or Serine/Threonine Protein Kinase Receptor R1 or TGF B Superfamily Receptor Type I or ALK2 or ACVR1 or EC 2.7.11.30) - Pipeline Review, H2 2017

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