

# P2X Purinoceptor 7 (P2Z Receptor or P2RX7) -Pipeline Review, H1 2018

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## Abstracts

P2X Purinoceptor 7 (P2Z Receptor or P2RX7) - Pipeline Review, H1 2018

#### SUMMARY

P2X Purinoceptor 7 (P2Z Receptor or P2RX7) - P2X purinoceptor 7 is a protein encoded by the P2RX7 gene. It acts as receptor for ATP that acts as a ligand-gated ion channel. It is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules.

P2X Purinoceptor 7 (P2Z Receptor or P2RX7) pipeline Target constitutes close to 7 molecules. Out of which approximately 7 molecules are developed by Companies. The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 1, 2, 3 and 1 respectively. Report covers products from therapy areas Central Nervous System, Immunology, Oncology, Gastrointestinal and Genetic Disorders which include indications Inflammation, Alzheimer's Disease, Basal Cell Carcinoma (Basal Cell Epithelioma), Bipolar Disorder (Manic Depression), Charcot-Marie-Tooth Disease Type I A, Epilepsy, Inflammatory Bowel Disease, Major Depressive Disorder, Multiple Sclerosis, Neuropathic Pain and Solid Tumor.

The latest report P2X Purinoceptor 7 - Pipeline Review, H1 2018, outlays comprehensive information on the P2X Purinoceptor 7 (P2Z Receptor or P2RX7) 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 P2X Purinoceptor 7 (P2Z Receptor or P2RX7) 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 P2X Purinoceptor 7 (P2Z Receptor or P2RX7)

The report reviews P2X Purinoceptor 7 (P2Z Receptor or P2RX7) 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 P2X Purinoceptor 7 (P2Z Receptor or P2RX7) targeted therapeutics and enlists all their major and minor projects

The report assesses P2X Purinoceptor 7 (P2Z Receptor or P2RX7) 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 P2X Purinoceptor 7 (P2Z Receptor or P2RX7) 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 P2X Purinoceptor 7 (P2Z Receptor or P2RX7)

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 P2X Purinoceptor 7 (P2Z Receptor or P2RX7) 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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JNJ-5446 - Drug Profile



**Product Description** Mechanism Of Action **R&D** Progress Small Molecule to Antagonize P2X7 Receptor for Central Nervous System - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress Small Molecules to Antagonize P2RX7 for CNS Disorders, Autoimmune Disorders and Inflammation - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress P2X Purinoceptor 7 (P2Z Receptor or P2RX7) - Dormant Products P2X Purinoceptor 7 (P2Z Receptor or P2RX7) - Discontinued Products P2X Purinoceptor 7 (P2Z Receptor or P2RX7) - Product Development Milestones Featured News & Press Releases Mar 03, 2017: Biosceptre publishes a clinical study of topical drug BIL010t as therapy for Basal cell carcinoma Dec 18, 2014: Alzheimer's Drug Discovery Foundation And Axxam Continue Their Successful Collaboration To Develop Novel Therapeutics For Alzheimer's Disease Jul 22, 2014: Biosceptre Announces Positive Phase I Results for BIL-010t to Treat **Basal Cell Carcinoma** Jan 25, 2012: Affectis Receives European Patent For AFC-5128 And Other P2X7 Antagonists Jun 29, 2009: Evotec Announces The Successful Completion Of The First Phase I Study With EVT Oct 09, 2008: Evotec Announces Phase I Initiation With P2X7 Antagonist Appendix Methodology Coverage Secondary Research **Primary Research** Expert Panel Validation Contact Us Disclaimer



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#### **COMPANIES MENTIONED**

Affectis Pharmaceuticals AG Axxam SpA Biosceptre International Ltd Evotec AG Johnson & Johnson



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