

# 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) - Pipeline Review, H2 2018

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## **Abstracts**

5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) - Pipeline Review, H2 2018

#### **SUMMARY**

5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) pipeline Target constitutes close to 11 molecules. Out of which approximately 10 molecules are developed by companies and remaining by the universities/institutes. The latest report 5-Hydroxytryptamine Receptor 7 - Pipeline Review, H2 2018, outlays comprehensive information on the 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) - 5-HT7 receptor is a member of the GPCR superfamily and it is activated by the serotonin (5-HT). The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase. It plays an important role in autistic disorder and other neuropsychiatric disorders.

The molecules developed by companies in Pre-Registration, Phase II, Phase I and Preclinical stages are 2, 2, 1 and 5 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Central Nervous System, Cardiovascular, Genetic Disorders, Male Health, Respiratory and Women's Health which include indications Bipolar Disorder



(Manic Depression), Autism, Anxiety Disorders, Cognitive Disorders, Major Depressive Disorder, Psychiatric Disorders, Schizophrenia, Attention Deficit Hyperactivity Disorder (ADHD), Female Sexual Dysfunction, Fragile X Syndrome, Idiopathic Pulmonary Fibrosis, Inflammatory Pain, Male Sexual Dysfunction, Migraine, Neuropathic Pain (Neuralgia), Psychosis, Pulmonary Arterial Hypertension, Schizoaffective Disorder, Sleep Disorders and Social Anxiety Disorders (SAD).

Furthermore, this report also reviews key players involved in 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) 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 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7)

The report reviews 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) 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 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) targeted therapeutics and enlists all their major and minor projects



The report assesses 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) 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 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) 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 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7)

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 5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) 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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Companies Involved in Therapeutics Development

Adamed Sp z oo

Astellas Pharma Inc

Avineuro Pharmaceuticals Inc

H. Lundbeck AS

Johnson & Johnson

Reviva Pharmaceuticals Inc

Sumitomo Dainippon Pharma Co Ltd

5-Hydroxytryptamine Receptor 7 (5 HT7 or 5 HTX or Serotonin Receptor 7 or HTR7) -

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Mechanism Of Action

R&D Progress

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**Product Description** 



Mechanism Of Action

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DDD-028 - Drug Profile

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Mechanism Of Action

**R&D Progress** 

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**Product Description** 

Mechanism Of Action

**R&D Progress** 

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**Product Description** 

Mechanism Of Action

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**Product Description** 

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**R&D Progress** 

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**Product Development Milestones** 

Featured News & Press Releases

Oct 22, 2018: U.S. Food and Drug Administration approves expansion of Trintellix (vortioxetine) label

Oct 22, 2018: New Data Added to TRINTELLIX (vortioxetine) Labeling Demonstrated Superiority Over Escitalopram in Improving SSRI-Induced Sexual Dysfunction in Patients with Major Depressive Disorder

Sep 28, 2018: Takeda and Lundbeck submit New Drug Application (NDA) for vortioxetine in Japan for the treatment of Major Depressive Disorder (MDD)

Jun 08, 2018: Positive clinical phase III results of vortioxetine in Japanese adults with Major Depressive Disorder

May 02, 2018: TRINTELLIX (vortioxetine) Prescribing Information Now Includes New Data Showing Improvement in Processing Speed, an Important Aspect of Cognitive Function in Acute Major Depressive Disorder (MDD)

May 02, 2018: Sunovion to Presents Data on Latuda at the 2018 American Psychiatric Association Annual Meeting

Apr 20, 2018: Sunovion Announces Health Canada Approval of Latuda (lurasidone HCl) to Treat Adolescents (13 to 17 years of age) with Bipolar Depression

Apr 18, 2018: Sumitomo Dainippon Pharma Announces U.S. Appellate Court Decision on Substance Patent Infringement Lawsuit Regarding LATUDA

Apr 10, 2018: Reviva Pharmaceuticals Receives FDA Orphan Designation for RP5063 for the Treatment of Idiopathic Pulmonary Fibrosis (IPF)

Mar 06, 2018: Sunovion Receives FDA Approval of Supplemental New Drug Application (sNDA) for Use of Latuda (lurasidone HCl) in the Treatment of Bipolar Depression in Pediatric Patients (10 to 17 Years of Age)

Feb 23, 2018: Sumitomo Dainippon Pharma Filed Patent Infringement Lawsuits Regarding LATUDA in US

Feb 14, 2018: Sumitomo Dainippon Pharma Filed Patent Infringement Lawsuits Regarding LATUDA in the United States

Jan 10, 2018: Avineuro Pharmaceuticals Reported Phase Ib Trial Results of AVN-101 Dec 04, 2017: Lundbeck's Brintellix approved in China

Oct 27, 2017: Sunovion Presents Data from Phase 3 Studies of Latuda (lurasidone HCl) in Children and Adolescents with Bipolar Depression

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Pipeline by Astellas Pharma Inc, H2 2018

Pipeline by Avineuro Pharmaceuticals Inc, H2 2018

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#### **COMPANIES MENTIONED**

Adamed Sp z oo
Astellas Pharma Inc
Avineuro Pharmaceuticals Inc
H. Lundbeck AS
Johnson & Johnson
Reviva Pharmaceuticals Inc
Sumitomo Dainippon Pharma Co Ltd



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