

# **Muscarinic Acetylcholine Receptor M4 (CHRM4) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update**

<https://marketpublishers.com/r/M5D15068B7EFEN.html>

Date: May 2022

Pages: 75

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

ID: M5D15068B7EFEN

## **Abstracts**

Muscarinic Acetylcholine Receptor M4 (CHRM4) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

### **SUMMARY**

Muscarinic Acetylcholine Receptor M4 (CHRM4) pipeline Target constitutes close to 20 molecules. Out of which approximately 20 molecules are developed by Companies. The latest report GMDHC22094TDB - Muscarinic Acetylcholine Receptor M4 - Drugs In Development, 2022, outlays comprehensive information on the Muscarinic Acetylcholine Receptor M4 (CHRM4) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Muscarinic Acetylcholine Receptor M4 (CHRM4) - Muscarinic acetylcholine receptor M4 or cholinergic receptor muscarinic 4 (CHRM4) is a protein encoded by the CHRM4 gene. It mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. The molecules developed by companies in Phase III, Phase II, Phase I, Preclinical and Discovery stages are 2, 2, 3, 12 and 1 respectively. Report covers products from therapy areas Central Nervous System, Genetic Disorders, Ophthalmology and Undisclosed which include indications Schizophrenia, Alzheimer's Disease, Psychosis, Parkinson's Disease, Angelman Syndrome, Cognitive Impairment

Associated With Schizophrenia (CIAS), Drug-Induced Dyskinesia, Dyskinesia, Fragile X Syndrome, Infantile Spasm (West Syndrome), Neurology, Presbyopia, Rett Syndrome, Tuberous Sclerosis, Unspecified Neurologic Disorders, Unspecified Psychiatric Disorders and Unspecified Rare Disease.

Furthermore, this report also reviews key players involved in Muscarinic Acetylcholine Receptor M4 (CHRM4) 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 Muscarinic Acetylcholine Receptor M4 (CHRM4)

The report reviews Muscarinic Acetylcholine Receptor M4 (CHRM4) 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 Muscarinic Acetylcholine Receptor M4 (CHRM4) targeted therapeutics and enlists all their major and minor projects

The report assesses Muscarinic Acetylcholine Receptor M4 (CHRM4) 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 Muscarinic Acetylcholine Receptor M4 (CHRM4) 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 Muscarinic Acetylcholine Receptor M4 (CHRM4)

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 Muscarinic Acetylcholine Receptor M4 (CHRM4) 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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Anavex Life Sciences Corp

AstraZeneca Plc

Cerevel Therapeutics Holdings Inc

Karuna Therapeutics Inc

Lan Sheng Biomedicine Suzhou Co Ltd

Lenz Therapeutics LLC

MapLight therapeutics Inc

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