

# Tau Inhibitors - Pipeline Insight, 2022

<https://marketpublishers.com/r/T26533628311EN.html>

Date: January 2022

Pages: 80

Price: US\$ 2,000.00 (Single User License)

ID: T26533628311EN

## Abstracts

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DelveInsight's, "Tau Inhibitors - Pipeline Insight, 2022" report provides comprehensive insights about 25+ companies and 25+ pipeline drugs in Tau Inhibitors pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

### Geography Covered

Global coverage

### Tau Inhibitors Understanding

#### Tau Inhibitors: Overview

Microtubule-associated protein tau is characterized by the fact that it is an intrinsically disordered protein due to its lack of a stable conformation and high flexibility. Intracellular inclusions of fibrillar forms of tau with a  $\beta$ -sheet structure accumulate in the brain of patients with Alzheimer's disease and other tauopathies. Accordingly, detachment of tau from microtubules and transition of tau from a disordered state to an abnormally aggregated state are essential events preceding the onset of tau-related diseases. Early anti-tau therapies were based mainly on inhibition of kinases or tau aggregation, or on stabilization of microtubules, but most of these approaches have been discontinued because of toxicity and/or lack of efficacy. Most of the tau-targeting approaches that are currently in clinical trials are immunotherapies. Tau is likely to be a

better target than A $\beta$  once cognitive deficits manifest, because the tau burden correlates better with clinical impairments than does the A $\beta$  burden.

'Tau Inhibitors - Pipeline Insight, 2022' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the Tau Inhibitors pipeline landscape is provided which includes the disease overview and Tau Inhibitors treatment guidelines. The assessment part of the report embraces, in depth Tau Inhibitors commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, Tau Inhibitors collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

## Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Tau Inhibitors R&D. The therapies under development are focused on novel approaches to treat/improve Tau Inhibitors.

## Tau Inhibitors Emerging Drugs Chapters

This segment of the Tau Inhibitors report encloses its detailed analysis of various drugs in different stages of clinical development, including phase II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

## Tau Inhibitors Emerging Drugs

### TRx0237: TauRx Therapeutics

TRx0237 (LMTX) is a second-generation tau protein aggregation inhibitor for the treatment of Alzheimer's disease (AD) and frontotemporal dementia. It is a replacement formulation for Rember, the first company's first proprietary formulation of methylthioninium chloride (MTC). TRx0237 and Rember share the same mode of action, but TRx0237 has been designed as a stabilized, reduced form of MTC to improve the drug's absorption, bioavailability, and tolerability.

## IONIS-MAPTRx: Ionis Pharmaceuticals

IONIS-MAPTRx, also known as BIIB080, is an investigational antisense medicine designed to selectively reduce production of the tau protein in the brain. Microtubule-associated protein tau (MAPT) or tau, is thought to be a contributor or cause of certain neurodegenerative diseases, known as tauopathies, that are characterized by the deposition of abnormal tau protein in neurons and glia in the brain. These disorders include Alzheimer's disease (AD), Progressive Supranuclear Palsy (PSP), and some forms of frontotemporal degeneration (FTD). It is being developed in collaboration with Biogen for the treatment of Alzheimer's disease and frontotemporal degeneration.

Further product details are provided in the report.....

## Tau Inhibitors: Therapeutic Assessment

This segment of the report provides insights about the different Tau Inhibitors drugs segregated based on following parameters that define the scope of the report, such as:

### Major Players in Tau Inhibitors

There are approx. 25+ key companies which are developing the therapies for Tau Inhibitors. The companies which have their Tau Inhibitors drug candidates in the most advanced stage, i.e. Phase III include, TauRx Therapeutics.

### Phases

DelveInsight's report covers around 25+ products under different phases of clinical development like

Late stage products (Phase III)

Mid-stage products (Phase II)

Early-stage product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Tau Inhibitors pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Oral

Parenteral

Intravenous

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Monoclonal Antibody

Peptides

Polymer

Small molecule

Gene therapy

Product Type

Drugs have been categorized under various product types like Mono, Combination and

Mono/Combination.

## Tau Inhibitors: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Tau Inhibitors therapeutic drugs key players involved in developing key drugs.

## Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging Tau Inhibitors drugs.

## Tau Inhibitors Report Insights

- Tau Inhibitors Pipeline Analysis

- Therapeutic Assessment

- Unmet Needs

- Impact of Drugs

## Tau Inhibitors Report Assessment

- Pipeline Product Profiles

- Therapeutic Assessment

- Pipeline Assessment

- Inactive drugs assessment

- Unmet Needs

## Key Questions

## Current Treatment Scenario and Emerging Therapies:

How many companies are developing Tau Inhibitors drugs?

How many Tau Inhibitors drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Tau Inhibitors?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Tau Inhibitors therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for Tau Inhibitors and their status?

What are the key designations that have been granted to the emerging drugs?

## Key Players

TauRx Therapeutics

Ionis Pharmaceuticals

UCB Biopharma

Alterity Therapeutics

Pinteon Therapeutics

Voyager Therapeutics

Oligomerix

## Key Products

TRx0237

IONIS-MAPTRx

Bepranemab

ATH 434

PNT-001

Research programme: gene therapies

OLX-07010

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Drug profiles in the detailed report.....

Preclinical stage products

Comparative Analysis

Drug Name: Company Name

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report.....

Inactive Products

Comparative Analysis

Tau Inhibitors Key Companies

Tau Inhibitors Key Products

Tau Inhibitors- Unmet Needs

Tau Inhibitors- Market Drivers and Barriers

Appendix

## I would like to order

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