

Trk (TrkB) receptor antagonists - Pipeline Insight, 2022

<https://marketpublishers.com/r/TCD9AD4FED58EN.html>

Date: January 2022

Pages: 60

Price: US\$ 1,500.00 (Single User License)

ID: TCD9AD4FED58EN

Abstracts

This report can be delivered to the clients within 24 Hours

DelveInsight's, "Trk (TrkB) receptor antagonists - Pipeline Insight, 2022" report provides comprehensive insights about 3+ companies and 3+ pipeline drugs in Trk (TrkB) receptor antagonists 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

Trk (TrkB) receptor antagonists Understanding

Trk (TrkB) receptor antagonists: Overview

Trk receptors are a family of tyrosine kinases that regulates synaptic strength and plasticity in the mammalian nervous system. Trk receptors affect neuronal survival and differentiation through several signaling cascades. However, the activation of these receptors also has significant effects on functional properties of neurons.

Function –TrkB has the highest affinity to the binding of brain-derived neurotrophic factor (BDNF) and NT-4. BDNF is a growth factor that has important roles in the survival and function of neurons in the central nervous system. The binding of BDNF to TrkB

receptor causes many intracellular cascades to be activated, which regulate neuronal development and plasticity, long-term potentiation, and apoptosis. Although both BDNF and NT-4 have high specificity to TrkB, they are not interchangeable.[13] In a mouse model study where BDNF expression was replaced by NT-4, the mouse with NT4 expression appeared to be smaller and exhibited decreased fertility. Recently, studies have also indicated that TrkB receptor is associated with Alzheimer's disease.

Trk (TrkB) receptor antagonists- KRAS mutations occur in multiple types of cancer, and Trk (TrkB) receptor antagonists are pancancer therapies that work against tumors anywhere in the body. An effective and well-tolerated targeted agent against KRAS is expected to have a significant impact and will be a radical breakthrough in clinical oncology. In various research, KRAS p.G12C small-molecule inhibitors are emerging as an effective treatment option for metastatic disease.

Trk (TrkB) receptor antagonists Emerging Drugs Chapters

This segment of the Trk (TrkB) receptor antagonists report encloses its detailed analysis of various drugs in different stages of clinical development, including phase III, 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.

Trk (TrkB) receptor antagonists Emerging Drugs

Repotrectinib (TPX-0005): Turning Point Therapeutics

Repotrectinib is a small (low molecular weight), macrocyclic tyrosine kinase inhibitor of ROS1, TRK and ALK. Repotrectinib was designed to efficiently bind with the active kinase conformation and avoid steric interference from a variety of clinically resistant mutations. The compact and rigid three-dimensional structure enables repotrectinib to precisely and efficiently bind deep into the ATP binding pocket of the kinase, and potentially circumvent the steric interference that results in resistance to bulkier kinase inhibitors, especially the solvent-front and gatekeeper mutations of ROS1, TRK and ALK kinases. It is being evaluated in an ongoing Phase 1/2 trial called TRIDENT-1 for both TKI-naïve and TKI-pretreated patients with ROS1+ advanced NSCLC and NTRK+ advanced solid tumors.

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

Trk (TrkB) receptor antagonists: Therapeutic Assessment

This segment of the report provides insights about the different Trk (TrkB) receptor antagonists drugs segregated based on following parameters that define the scope of the report, such as:

Major Players working on Trk (TrkB) receptor antagonists

There are approx. 5+ key companies which are developing the Trk (TrkB) receptor antagonists. The companies which have their Trk (TrkB) receptor antagonists drug candidates in the mid stage, i.e. phase 1/2 include, Turning Point Therapeutics.

Phases

DelveInsight's report covers around 5+ products under different phases of clinical development like

Late-stage products (Phase III and

Mid-stage products (Phase II and

Early-stage products (Phase I/II and Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Trk (TrkB) receptor antagonists pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Infusion

Intradermal

Intramuscular

Intranasal

Intravaginal

Oral

Parenteral

Subcutaneous

Topical.

Molecule Type

Products have been categorized under various Molecule types such as

Vaccines

Monoclonal Antibody

Peptides

Polymer

Small molecule

Product Type

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

Trk (TrkB) receptor antagonists: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Trk (TrkB) receptor antagonists 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 Trk (TrkB) receptor antagonists drugs.

Report Highlights

In the coming years, the Trk (TrkB) receptor antagonists market is set to change due to the extensive research in this filed, and incremental healthcare spending across the world; which would expand the size of the market to enable the drug manufacturers to penetrate more into the market.

The companies and academics are working to assess challenges and seek opportunities that could influence Trk (TrkB) receptor antagonists R&D. The therapies under development are focused on novel approaches to treat/improve the disease condition.

There are several companies involved in developing therapies for Trk (TrkB) receptor antagonists . Launch of emerging therapies of Trk (TrkB) receptor antagonists will significantly impact the market.

A better understanding of the target mechanism will also contribute to the development of novel therapeutics for Trk (TrkB) receptor antagonists .

Our in-depth analysis of the pipeline assets (in early-stage, mid-stage and late stage of development for the treatment of Trk (TrkB) receptor antagonists) includes therapeutic assessment and comparative analysis. This will support the clients in the decision-making process regarding their therapeutic portfolio by identifying the overall scenario of the research and development activities.

Trk (TrkB) receptor antagonists Report Insights

Trk (TrkB) receptor antagonists Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Trk (TrkB) receptor antagonists Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Scenario and Emerging Therapies:

How many companies are developing Trk (TrkB) receptor antagonists drugs?

How many Trk (TrkB) receptor antagonists drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for Trk (TrkB) receptor antagonists?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Trk (TrkB) receptor antagonists 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 Trk (TrkB) receptor antagonists and their status?

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

Key Players

Turning Point Therapeutics

Key Products

Repotrectinib (TPX-0005)

Contents

- Introduction
- Executive Summary
- Trk (TrkB) receptor antagonists: Overview
 - Structure
 - Mechanism of Action
- Pipeline Therapeutics
 - Comparative Analysis
- Therapeutic Assessment
 - Assessment by Product Type
 - Assessment by Stage and Product Type
 - Assessment by Route of Administration
 - Assessment by Stage and Route of Administration
 - Assessment by Molecule Type
 - Assessment by Stage and Molecule Type
- Trk (TrkB) receptor antagonists – DelveInsight's Analytical Perspective
- In-depth Commercial Assessment
 - Trk (TrkB) receptor antagonists companies' collaborations, Licensing, Acquisition -Deal Value Trends
- Trk (TrkB) receptor antagonists Collaboration Deals
 - Company-Company Collaborations (Licensing / Partnering) Analysis
 - Company-University Collaborations (Licensing / Partnering) Analysis
- Late Stage Products (Pre-registration)
 - Comparative Analysis
- Drug name: Company name
 - Product Description
 - Research and Development
 - Product Development Activities
- Drug profiles in the detailed report.....
- Early Stage Products (Phase I/II)
 - Comparative Analysis
- Repotrectinib: Turning Point Therapeutics
 - Product Description
 - Research and Development
 - Product Development Activities
- Inactive Products
 - Comparative Analysis
- Trk (TrkB) receptor antagonists Key Companies

Trk (TrkB) receptor antagonists Key Products
Trk (TrkB) receptor antagonists- Unmet Needs
Trk (TrkB) receptor antagonists- Market Drivers and Barriers
Trk (TrkB) receptor antagonists- Future Perspectives and Conclusion
Trk (TrkB) receptor antagonists Analyst Views
Trk (TrkB) receptor antagonists Key Companies
Appendix

List Of Tables

LIST OF TABLES

Table 1 Total Products for Trk (TrkB) receptor antagonists

Table 2 Late Stage Products

Table 3 Mid Stage Products

Table 4 Early Stage Products

Table 5 Pre-clinical & Discovery Stage Products

Table 6 Assessment by Product Type

Table 7 Assessment by Stage and Product Type

Table 8 Assessment by Route of Administration

Table 9 Assessment by Stage and Route of Administration

Table 10 Assessment by Molecule Type

Table 11 Assessment by Stage and Molecule Type

Table 12 Inactive Products

List Of Figures

LIST OF FIGURES

Figure 1 Total Products for Trk (TrkB) receptor antagonists

Figure 2 Late Stage Products

Figure 3 Mid Stage Products

Figure 4 Early Stage Products

Figure 5 Preclinical and Discovery Stage Products

Figure 6 Assessment by Product Type

Figure 7 Assessment by Stage and Product Type

Figure 8 Assessment by Route of Administration

Figure 9 Assessment by Stage and Route of Administration

Figure 10 Assessment by Molecule Type

Figure 11 Assessment by Stage and Molecule Type

Figure 12 Inactive Products

I would like to order

Product name: Trk (TrkB) receptor antagonists - Pipeline Insight, 2022

Product link: <https://marketpublishers.com/r/TCD9AD4FED58EN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/TCD9AD4FED58EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970