

# **Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update**

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## **Abstracts**

Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

### **SUMMARY**

Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) – Myc (c-Myc) protein encoded by Myc gene, a regulator gene that code for a transcription factor. The protein plays a role in cell cycle progression, apoptosis and cellular transformation. Myc protein is a transcription factor that activates expression of many genes through binding enhancer box sequences and recruiting histone acetyltransferases. It also acts as a transcriptional repressor. By binding Miz-1 transcription factor and displacing the p300 co-activator, it inhibits expression of Miz-1 target genes. In addition, myc has a direct role in the control of DNA replication. Myc is a proto-oncogene and it often upregulates in many types of cancers. Myc over expression stimulates gene amplification presumably through DNA over-replication.

Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) pipeline Target constitutes close to 31 molecules. Out of which approximately 26 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase II, IND/CTA Filed, Preclinical and Discovery stages are 1, 1, 12 and 12 respectively. Similarly, the

universities portfolio in Preclinical and Discovery stages comprises 3 and 2 molecules, respectively. Report covers products from therapy areas Oncology which include indications Unspecified Cancer, Solid Tumor, Hematological Tumor, Lymphoma, Breast Cancer, Burkitt Lymphoma, Glioblastoma Multiforme (GBM), Hepatocellular Carcinoma, Multiple Myeloma (Kahler Disease), Non-Small Cell Lung Cancer, Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), B-Cell Acute Lymphocytic Leukemia (B-Cell Acute Lymphoblastic Leukaemia), Blood Cancer, Colon Cancer, Colorectal Cancer, Diffuse Large B-Cell Lymphoma, Leukemia, Lung Cancer, Medulloblastoma, Metastatic Brain Tumor, Neuroblastoma, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Retinoblastoma, Small-Cell Lung Cancer, T-Cell Acute Lymphocytic Leukemia (T-Cell Acute Lymphoblastic Leukaemia) and Triple-Negative Breast Cancer (TNBC).

The latest report Myc Proto Oncogene Protein – Drugs In Development, 2022, outlays comprehensive information on the Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) 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 Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) 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 Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC)

The report reviews Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) 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 Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) targeted therapeutics and enlists all their major and minor projects

The report assesses Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) 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 Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) 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 Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC)

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 Myc Proto Oncogene Protein (Transcription Factor p64 or Class E Basic Helix Loop Helix Protein 39 or MYC) 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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Featured News & Press Releases



Jun 23, 2022: Omega Therapeutics to present new preclinical data for the first epigenomic controller, OTX-2002, for hepatocellular carcinoma at the European Society of Medical Oncology's 2022 World Congress on Gastrointestinal Cancer

Jun 15, 2022: Omega Therapeutics announces submission of Investigational New Drug application for OTX-2002, an Omega Epigenomic Controller, for MYC driven hepatocellular carcinoma

Apr 08, 2022: Omega Therapeutics presents preclinical data on OTX-2002, first-in-class epigenomic controller, as potential treatment for hepatocellular carcinoma at the AACR Annual Meeting 2022

Mar 08, 2022: Omega Therapeutics to present preclinical data for OTX-2002 at the American Association for Cancer Research Annual Meeting 2022

May 06, 2021: Peptomyc SL announces treatment of first patient with its lead compound OMO-103 in a phase I/II clinical trial

Mar 17, 2021: Omomyc, a drug developed in Vall d'Hebron, is coming to the clinical trial

Jul 30, 2020: VHIO and home-grown spin-off Peptomyc S.L receive further funding to bring Omomyc closer to the clinic

Jun 22, 2020: Pioneer Pharmaceuticals released the latest research results of c-Myc inhibitors at the AACR annual meeting

Apr 01, 2019: First published demonstration of the success of Myc inhibition by Omomyc mini-protein hits Science Translational Medicine and the news

Mar 26, 2019: Preclinical validation of new cancer inhibitor from EIT Health-supported Peptomyc

Mar 14, 2019: A new approach to drugging a difficult cancer target

Dec 09, 2015: Combination therapy escalates potency of Phylogica peptides against MYC-driven cancer

Nov 16, 2015: Phylogica exceeds gold - standard for treatment of MYC - driven cancer

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