

Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) - Drugs in Development, 2021

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Abstracts

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SUMMARY

According to the recently published report 'Indoleamine 2,3 Dioxygenase 1 - Drugs in Development, 2021'; Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) pipeline Target constitutes close to 38 molecules. Out of which approximately 32 molecules are developed by companies and remaining by the universities/institutes.

Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) - Indoleamine-pyrrole 2, 3-dioxygenase 1 is a heme-containing enzyme encoded by the IDO1 gene. This enzyme acts on multiple tryptophan substrates including D-tryptophan, L-tryptophan, 5-hydroxy-tryptophan, tryptamine, and serotonin. This enzyme plays a role in a variety of pathophysiological processes such as antimicrobial and antitumor defense, neuropathology, immunoregulation, and antioxidant activity.

The report 'Indoleamine 2,3 Dioxygenase 1 - Drugs in Development, 2021' outlays comprehensive information on the Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.



It also reviews key players involved in Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II, Phase I, IND/CTA Filed, Preclinical and Discovery stages are 1, 4, 6, 1, 16 and 4 respectively. Similarly, the universities portfolio in Preclinical stages comprises 6 molecules, respectively.

Report covers products from therapy areas Oncology, Immunology, Central Nervous System, Dermatology, Infectious Disease, Metabolic Disorders and Musculoskeletal Disorders which include indications Solid Tumor, Non-Small Cell Lung Cancer, Bladder Cancer, Head And Neck Cancer, Metastatic Melanoma, Colon Cancer, Colorectal Cancer, Gastric Cancer, Glioblastoma Multiforme (GBM), Lung Cancer, Melanoma, Non-Muscle Invasive Bladder Cancer (NMIBC) (Superficial Bladder Cancer), Ovarian Cancer, Recurrent Glioblastoma Multiforme (GBM), Acute Myelocytic Leukemia (AML, Acute Myeloblastic Leukemia), Adenocarcinoma, Adrenal Gland Cancer, Alopecia, Breast Cancer, Cervical Cancer, Colon Carcinoma, Endometrial Cancer, Ependymoma, Gallbladder Cancer, Glioma, Gliosarcoma, Hematological Tumor, High-Grade Glioma, Kaposi Sarcoma, Kidney Cancer (Renal Cell Cancer), Liver Cancer, Medulloblastoma, Metastatic Breast Cancer, Metastatic Hepatocellular Carcinoma (HCC), Metastatic Transitional (Urothelial) Tract Cancer, Muscle Invasive Bladder Cancer (MIBC), Nasopharyngeal Cancer, Osteosarcoma, Pancreatic Cancer, Pediatric Diffuse Intrinsic Pontine Glioma, Psoriasis, Rectal Cancer, Renal Cell Carcinoma, Rheumatoid Arthritis, Sarcopenia, Squamous Cell Carcinoma, Systemic Lupus Erythematosus, Transitional Cell Carcinoma (Urothelial Cell Carcinoma), Traumatic Brain Injury, Type 1 Diabetes (Juvenile Diabetes), Ureter Cancer and Urethral Cancer.

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 Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52)

The report reviews Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) 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 Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) targeted therapeutics and enlists all their major and minor projects

The report assesses Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) 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 Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) 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 Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52)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 Indoleamine 2,3 Dioxygenase 1 (Indoleamine Pyrrole 2,3 Dioxygenase 1 or IDO1 or EC 1.13.11.52) 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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