

# **Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update**

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## **Abstracts**

Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) Drugs in Development by Stages, Target, MoA, RoA, Molecule Type and Key Players, 2022 Update

### **SUMMARY**

Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) pipeline Target constitutes close to 21 molecules. Out of which approximately 19 molecules are developed by companies and remaining by the universities/institutes. The latest report Glucokinase - Drugs In Development, 2022, outlays comprehensive information on the Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) - Glucokinase is an enzyme that catalyzes the initial step in utilization of glucose by the beta-cell and liver at physiological glucose concentration. The role of GCK is to provide G6P for the synthesis of glycogen. Pancreatic glucokinase plays an important role in modulating insulin secretion. Hepatic glucokinase helps to facilitate the uptake and conversion of glucose by acting as an insulin-sensitive determinant of hepatic glucose usage. The molecules developed by companies in Pre-Registration, Phase III, Phase II and Preclinical stages are 1, 1, 4 and 13 respectively. Similarly, the universities portfolio in Preclinical stages comprises 2 molecules, respectively.

Report covers products from therapy areas Metabolic Disorders, Central Nervous System, Gastrointestinal and Infectious Disease which include indications Type 2 Diabetes, Type 1 Diabetes (Juvenile Diabetes), Alzheimer's Disease, Coronavirus Disease 2019 (COVID-19), Diabetes, Diabetic Nephropathy, Non-Alcoholic Steatohepatitis (NASH), Obesity and Unspecified Metabolic Disorders.

Furthermore, this report also reviews key players involved in Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) 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 Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2)

The report reviews Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) 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 Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) targeted therapeutics and enlists all their major and minor projects

The report assesses Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC

2.7.1.2) 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 Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) 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 Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) 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 Glucokinase (Hexokinase D or Hexokinase 4 or GCK or EC 2.7.1.2) 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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