

# N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

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# **Abstracts**

N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

### SUMMARY

N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) - N-sulphoglucosamine sulphohydrolase is an enzyme encoded by the SGSH gene. This enzyme is involved in the lysosomal degradation of heparan sulfate. Mutations in this gene are associated with Sanfilippo syndrome A, one type of the lysosomal storage disease mucopolysaccaridosis III.

N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) pipeline Target constitutes close to 8 molecules. Out of which approximately 8 molecules are developed by Companies. The molecules developed by companies in Phase III, Phase II and Preclinical stages are 1, 2 and 5 respectively. Report covers products from therapy areas Genetic Disorders and Central Nervous System which include indications Mucopolysaccharidosis III (MPS III) (Sanfilippo Syndrome ) and Alzheimer's Disease.

The latest report N Sulphoglucosamine Sulphohydrolase - Drugs In Development, 2022, outlays comprehensive information on the N Sulphoglucosamine Sulphohydrolase



(Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) 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 N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) 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 N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1)

The report reviews N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) 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 N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) targeted therapeutics and enlists all their major and minor projects

The report assesses N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) 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 N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) 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 N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1)

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 N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) 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



N Sulphoglucosamine Sulphohydrolase (Sulfoglucosamine Sulfamidase or Sulphamidase or SGSH or EC 3.10.1.1) Deve...



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Jan 21, 2022: EC grants orphan drug designation to JR-441 for the treatment of



mucopolysaccharidosis type III A (MPS IIIA)

Nov 17, 2021: Abeona Therapeutics announces presentation on pivotal Transpher A study of ABO-102 in MPS IIIA at the 14th ICIEM Conference

Oct 13, 2021: Abeona Therapeutics announces clinical data presentations at upcoming scientific congresses

Jul 28, 2021: Abeona Therapeutics announces successful Type B meeting with U.S. FDA for ABO-102 AAV-based gene therapy in Sanfilippo Syndrome Type A (MPS IIIA) Jul 26, 2021: Abeona Therapeutics announces new MRI data showing increased brain volume in young patients with Sanfilippo Syndrome Type A (MPS IIIA) after treatment with ABO-102 gene therapy

Feb 15, 2021: Lysogene reports LYS-SAF302 biomarker data presented at the WORLDSymposium 2021

Feb 12, 2021: New positive interim data on ABO-102 presented at WORLDSymposium Feb 02, 2021: Abeona Therapeutics announces clinical investigator webinar to review ABO-102 Clinical Data presented at the 17th Annual WORLDSymposium

Dec 28, 2020: Lysogene reports positive biomarker data with LYS-SAF302

Dec 21, 2020: Abeona Therapeutics announces acceptance of late-breaker abstracts highlighting new clinical data for novel AAV-based gene therapies including rebisufligene etisparvovec at WORLDSymposium

Oct 15, 2020: Lysogene provides update on the AAVance clinical trial evaluating LYS-SAF302 in patients with MPS IIIA

Jun 05, 2020: Lysogene announces important updates on AAVance phase 2/3 clinical trial with LYS-SAF302 in MPS IIIA

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