

# Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) - Pipeline Review, H2 2018

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## **Abstracts**

Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) - Pipeline Review, H2 2018

### SUMMARY

According to the recently published report 'Glutamate Receptor Ionotropic NMDA 2B - Pipeline Review, H2 2018'; Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) pipeline Target constitutes close to 14 molecules.

Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) - Glutamate receptor subunit epsilon-2 or N-methyl D-aspartate receptor subtype 2B (NMDAR2B or NR2B) is a protein encoded by the GRIN2B gene. It is mediated by glycine. It acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances synaptic NMDA receptor channel activity inducing injurious Ca2+ influx through them resulting in an irreversible neuronal death.

The report 'Glutamate Receptor Ionotropic NMDA 2B - Pipeline Review, H2 2018'



outlays comprehensive information on the Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) 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 Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase II, Phase I, Preclinical, Discovery and Unknown stages are 3, 2, 7, 1 and 1 respectively.

Report covers products from therapy areas Central Nervous System, Cardiovascular and Dermatology which include indications Major Depressive Disorder, Treatment Resistant Depression, Acute Ischemic Stroke, Autism, Brain Ischemia, Burns, Cognitive Impairment Associated With Schizophrenia (CIAS), Depression, Infantile Spasm (West Syndrome), Myocardial Infarction, Neurodegenerative Diseases, Neuropathic Pain, Obsessive-Compulsive Disorder, Orthostatic Hypotension, Pain, Subarachnoid Hemorrhage, Traumatic Brain Injury and Traumatic Spinal Cord Injury.

**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 Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B)

The report reviews Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) 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 Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics and enlists all their major and minor projects

The report assesses Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) 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 Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) 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 Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B)



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 Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) 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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BioCrea GmbH

Bristol-Myers Squibb Co

**Cadent Therapeutics** 

Cerecor Inc

Johnson & Johnson

NeurOp Inc

**Novartis AG** 

Shionogi & Co Ltd

**UCB SA** 

Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) - Drug Profiles

BMS-986163 - Drug Profile

**Product Description** 

Mechanism Of Action

**R&D Progress** 



ifenprodil - Drug Profile

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Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) - Dormant Products

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Featured News & Press Releases

Apr 12, 2018: NeurOp Initiates Phase 1 Clinical Trial of NMDA Receptor Inhibitor NP10679

Oct 17, 2017: Cadent Therapeutics Receives Milestone for the Initiation of Phase 1 Clinical Studies

Jul 24, 2017: NIH Awards NeurOp \$3.5 Million to Support Phase 1 Clinical Trial of NMDA Inhibitor NP10679

Nov 29, 2016: Cerecor Reports Top-Line Data from CERC-301 Phase 2 Study for Major Depressive Disorder

Sep 21, 2016: Cerecor Announces Completion of Enrollment in Phase 2 Clinical Trial with CERC-301 as an Oral, Adjunctive Treatment of Major Depressive Disorder May 16, 2016: GNT Pharma Receives IND Approval for Phase II Clinical Trial for Stroke Patients with Endovascular Treatment with First in Class Multi-Target Neuroprotection Drug Neu2000



Jan 19, 2016: Cerecor Announces Publication Describing Antidepressant Activity of CERC-301 in Preclinical Model

Sep 03, 2015: Cerecor Initiates Phase 2 Study for CERC-301, an Antidepressant

Product Candidate with Potential for Rapid Onset of Effect

Mar 20, 2015: Cerecor Provides Update on CERC-301 Development in Major Depressive Disorder

Oct 03, 2014: Cerecor to Present at 13th Annual BIO Investor Forum

Oct 02, 2014: NeurOp Receives Milestone Payment as Bristol-Myers Squibb Nominates

NMDA Receptor Compound as Drug Development Candidate

Dec 02, 2013: MedAvante Central Ratings Selected For Cerecor Investigational MDD Study

Nov 25, 2013: Cerecor Receives Fast Track Designation for CERC-301 for the

Treatment of Major Depressive Disorder
Nov 08, 2013: Cerecor Announces Initiation of Phase 2 Study for CERC-301, an Oral

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Jun 28, 2010: Forest And Gedeon Richter Announce Phase II Study Results Of

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#### **COMPANIES MENTIONED**

BioCrea GmbH
Bristol-Myers Squibb Co
Cadent Therapeutics
Cerecor Inc
Johnson & Johnson
NeurOp Inc
Novartis AG
Shionogi & Co Ltd
UCB SA



#### I would like to order

Product name: Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2

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