

# **Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) - Pipeline Review, H1 2019**

<https://marketpublishers.com/r/C3AC43F014EEN.html>

Date: April 2019

Pages: 70

Price: US\$ 3,500.00 (Single User License)

ID: C3AC43F014EEN

## **Abstracts**

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) - Pipeline Review, H1 2019

## **SUMMARY**

According to the recently published report 'Caspase 8 - Pipeline Review, H1 2019'; Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) pipeline Target constitutes close to 5 molecules. Out of which approximately 3 molecules are developed by companies and remaining by the universities/institutes.

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) - Caspase-8 is a caspase protein, encoded by the CASP8 gene. It binds to the adapter molecule FADD recruits it to either receptor. The resulting aggregate called death-inducing signaling complex (DISC) performs CASP8 proteolytic activation. The active

dimeric enzyme is then liberated from the DISC and activates downstream apoptotic proteases. Proteolytic fragments of the N-terminal propeptide (termed CAP3, CAP5 and CAP6) are likely retained in the DISC. Cleaves and activates CASP3, CASP4, CASP6, CASP7, CASP9 and CASP10. It participates in the GZMB apoptotic pathways. It cleaves ADPRT. Hydrolyzes the small-molecule substrate, Ac-Asp-Glu-Val-Asp-|-AMC.

The report 'Caspase 8 - Pipeline Review, H1 2019' outlays comprehensive information on the Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) 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 Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase III, Phase II and Preclinical stages are 1, 1 and 1 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 1 and 1 molecules, respectively.

Report covers products from therapy areas Oncology, Cardiovascular, Gastrointestinal, Genito Urinary System And Sex Hormones, Hematological Disorders, Immunology, Infectious Disease and Toxicology which include indications Autoimmune Hepatitis, Bladder Cancer, Chemotherapy Induced Neutropenia, Colorectal Cancer, Febrile Neutropenia, Glioblastoma Multiforme (GBM), Hepatitis C, Hepatocellular Carcinoma, Liver Cirrhosis, Liver Failure (Hepatic Insufficiency), Liver Fibrosis, Liver Transplant Rejection, Melanoma, Metastatic Brain Tumor, Metastatic Breast Cancer, Metastatic Hormone Refractory (Castration Resistant, Androgen-Independent) Prostate Cancer, Multiple Myeloma (Kahler Disease), Non Alcoholic Fatty Liver Disease (NAFLD), Non-Alcoholic Steatohepatitis (NASH), Non-Small Cell Lung Cancer, Portal Hypertension, Renal Failure and Small-Cell Lung 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 Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61)

The report reviews Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) 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 Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) targeted therapeutics and enlists all their major and minor projects

The report assesses Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) 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 Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) 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 Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61)

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 Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) 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

## Contents

Introduction

Global Markets Direct Report Coverage

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) -

Overview

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) -

Therapeutics Development

Products under Development by Stage of Development

Products under Development by Therapy Area

Products under Development by Indication

Products under Development by Companies

Products under Development by Universities/Institutes

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) -

Therapeutics Assessment

Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) -

Companies Involved in Therapeutics Development

BeyondSpring Inc

Novartis AG

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) - Drug Profiles

emricasan - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Gene Therapy to Activate FADD for Melanoma - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

MBRI-001 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

plinabulin - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Small Molecule to Activate Caspase 8, 9 for Oncology - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) -

Dormant Products

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) -

Discontinued Products

Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) - Product Development Milestones

Featured News & Press Releases

Mar 25, 2019: BeyondSpring advancing patient targeting strategies for lead asset Plinabulin

Mar 21, 2019: Conatus announces top-line results from ENCORE-NF phase 2b clinical trial in NASH fibrosis

Mar 20, 2019: BeyondSpring to present clinical trial data on lead asset, Plinabulin, at 2019 St. Gallen International Breast Cancer Conference

Mar 13, 2019: Conatus Late-breaker oral presentation at EASL meeting to detail results of ENCORE-PH Phase 2b clinical trial in patients with NASH Cirrhosis and Severe Portal Hypertension

Mar 05, 2019: BeyondSpring presents new promising data in chemotherapy-induced neutropenia at 2019 ASCO-SITC Clinical Immuno-Oncology Symposium

*Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like P...*



Feb 26, 2019: New data shows addition of BeyondSpring's Plinabulin reverses Neulasta's potential immune-suppressive phenotype in treating chemotherapy-induced neutropenia

Feb 12, 2019: Conatus announces completion of enrollment in ENCORE-LF phase 2b clinical trial of Emricasan in patients with decompensated NASH cirrhosis

Jan 28, 2019: Conatus Pharmaceuticals announces publications expanding on previously reported results from completed phase 2 NAFLD-NASH, portal hypertension and liver cirrhosis clinical trials

Dec 27, 2018: BeyondSpring announces positive pre-NDA meeting with the U.S. FDA for its lead asset, Plinabulin

Dec 21, 2018: United States patent and trademark office issues composition of matter patent with beyondspring's lead asset Plinabulin with protection to 2036

Dec 06, 2018: BeyondSpring announces phase 3 study 105 of its lead asset Plinabulin for chemotherapy-induced neutropenia meets primary endpoint at interim analysis

Dec 05, 2018: Conatus Announces Results from ENCORE-PH Phase 2b Clinical Trial in NASH Cirrhosis

Dec 04, 2018: Data for BeyondSpring's lead asset, Plinabulin, for chemotherapy-induced Neutropenia (CIN) prevention shows differentiated profile compared with G-CSF and adds additional protection to G-CSF

Nov 27, 2018: Plinabulin Newly Granted Patent Covering Method of Use in Prevention of Neutropenia

Nov 15, 2018: Study of plinabulin, and nivolumab + ipilimumab in SCLC now open

Appendix

Methodology

Coverage

Secondary Research

Primary Research

Expert Panel Validation

Contact Us

Disclaimer

## List Of Tables

### LIST OF TABLES

Number of Products under Development by Stage of Development, H1 2019  
Number of Products under Development by Therapy Areas, H1 2019  
Number of Products under Development by Indications, H1 2019  
Number of Products under Development by Indications, H1 2019 (Contd..1), H1 2019  
Number of Products under Development by Companies, H1 2019  
Products under Development by Companies, H1 2019  
Products under Development by Companies, H1 2019 (Contd..1), H1 2019  
Number of Products under Investigation by Universities/Institutes, H1 2019  
Products under Investigation by Universities/Institutes, H1 2019  
Number of Products by Stage and Mechanism of Actions, H1 2019  
Number of Products by Stage and Route of Administration, H1 2019  
Number of Products by Stage and Molecule Type, H1 2019  
Pipeline by BeyondSpring Inc, H1 2019  
Pipeline by Novartis AG, H1 2019  
Dormant Products, H1 2019  
Dormant Products, H1 2019 (Contd..1), H1 2019  
Dormant Products, H1 2019 (Contd..2), H1 2019  
Discontinued Products, H1 2019



## List Of Figures

### LIST OF FIGURES

Number of Products under Development by Stage of Development, H1 2019

Number of Products under Development by Therapy Areas, H1 2019

Number of Products under Development by Top 10 Indications, H1 2019

Number of Products by Mechanism of Actions, H1 2019

Number of Products by Stage and Mechanism of Actions, H1 2019

Number of Products by Routes of Administration, H1 2019

Number of Products by Stage and Routes of Administration, H1 2019

Number of Products by Molecule Types, H1 2019

Number of Products by Stage and Molecule Types, H1 2019

### COMPANIES MENTIONED

BeyondSpring Inc

Novartis AG

## I would like to order

Product name: Caspase 8 (Apoptotic Cysteine Protease or Apoptotic Protease Mch 5 or CAP4 or FADD Homologous ICE/Ced-3 Like Protease or FADD Like ICE or ICE Like Apoptotic Protease 5 or MORT1 Associated Ced 3 Homolog or CASP8 or EC 3.4.22.61) - Pipeline Review, H1 2019

Product link: <https://marketpublishers.com/r/C3AC43F014EEN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C3AC43F014EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970