

# Apigeninidin Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/AAFA1ECC3286EN.html>

Date: August 2022

Pages: 110

Price: US\$ 3,250.00 (Single User License)

ID: AAFA1ECC3286EN

## Abstracts

Apigeninidin (Also, apigenidin, or Gesneridin) is a chemical compound belonging to the 3-deoxyanthocyanidins and that can be found in the Patagonian plant *Ephedra frustillata* and in the soybean. Apigeninidin is one of the principal pigments found in sorghum. Extremely high level of apigeninidin (49 mg/g) has been documented in sorghum leaf sheath. Like all anthocyanidins it exists in a variety of tautomers depending on pH and hydration, several of these bare the distinctive pyrylium core. Apigenin is a protein kinase inhibitor. Suppresses tumor-promoting effects of TPA and exhibits antiproliferative activity in human breast cancer cells (IC50 values are 59.44 and 31.15  $\mu$ M at 24 and 72 hrs respectively). Activates both the intrinsic and extrinsic apoptotic pathways and displays anti-inflammatory, hypotensive, antispasmodic and antioxidant properties in vivo. Apigenin, found in many plants, is a natural product belonging to the flavone class that is the aglycone of several naturally-occurring glycosides. Apigenin acts as a monoamine transporter activator, one of the few chemicals demonstrated to possess this property. Apigenin is a ligand for central benzodiazepine receptors that competitively inhibited the binding of flunitrazepam with a  $K_i$  of 4  $\mu$ M, exerting anxiolytic and slight sedative effects.

This report contains market size and forecasts of Apigeninidin in global, including the following market information:

Global Apigeninidin Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Apigeninidin Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Apigeninidin companies in 2021 (%)

The global Apigeninidin market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Powder Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Apigeninidin include Bio-techne, Creative Enzymes, MedChemExpress, Biosynth Carbosynth, United States Biological, Molekula, BOC Sciences, FoodChem and Focus Biomolecules, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Apigeninidin manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Apigeninidin Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Apigeninidin Market Segment Percentages, by Type, 2021 (%)

Powder

Crystalline Solid

Others

Global Apigeninidin Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Apigeninidin Market Segment Percentages, by Application, 2021 (%)

Food Industry

Medical Care

Scientific Research

Others

Global Apigeninidin Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)  
& (Tons)

Global Apigeninidin Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Apigeninidin revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Apigeninidin revenues share in global market, 2021 (%)

Key companies Apigeninidin sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Apigeninidin sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Bio-technie

Creative Enzymes

MedChemExpress

Biosynth Carbosynth

United States Biological

Molekula

BOC Sciences

FoodChem

Focus Biomolecules

Ottokemi

BioCrick

Lanyor

NEO Biotech

ChemFaces

Cayman

Sigma-Aldrich



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