

Acetovanillone (CAS 498-02-2) Market Research Report 2025

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Abstracts

Acetovanillone (CAS 498-02-2) Market Research Report 2025 presents comprehensive data on Acetovanillone markets globally and regionally (Europe, Asia, North America etc.)

The report includes Acetovanillone description, covers its application areas and related patterns. It overviews Acetovanillone market, names Acetovanillone producers and indicates its suppliers.

Besides, the report provides Acetovanillone prices in regional markets.

In addition to the above the report determines Acetovanillone consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Acetovanillone (CAS 498-02-2) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Acetovanillone (CAS 498-02-2) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name:	Acetovanillone
Synonyms:	1-(4-Hydroxy-3-methoxyphenyl)ethanone 4-Acetyl-2-methoxyphenol 4-Acetylguaiacol 4'-Hydroxy-3'-methoxyacetophenone Acetoguaiacone Apocynin 1-(4-Hydroxy-3-methoxyphenyl)-ethanone 5-Acetyl-2-hydroxyanisole

CAS#:	498-02-2
Formula:	C ₉ H ₁₀ O ₃
Molecular Weight:	166.17
Appearance:	Light yellow to yellow solid. Faint vanilla odor.
Usage:	A plant-derived, cartilage-saving drug, might be useful in the treatment of rheumatoid arthritis.

Acetovanillone, otherwise called apocynine, acetoguaiacon, is a natural organic compound with the molecular formula C₉H₁₀O₃ and molecular weight 166.17. It occurs as a yellowish to brown solid with a faint vanilla scent. Acetovanillone has a melting point of 112-115 °C. The compound that is obtained from medicinal plant *P. kurroa* dissolves in hot water, and it is soluble in benzene, ether, chloroform and alcohol. Acetovanillone is structurally related to vanillin. Acetovanillone demonstrates a wide

range of pharmacological properties.

The product is a common inhibitor of NADPH oxidase. Acetovanillone is able to decrease superoxide generation in bovine pulmonary arteries, prevent the production of superoxide in human white blood cells. The compound is used to treat atherosclerosis, arthritis, bowel disease, familial amyotrophic lateral sclerosis. Moreover, the product is effective in studying NO-regulated processes in plants.

Acetovanillone can cause eye irritation and even damage in an individual. By contact with the skin, the compound may produce inflammation or accentuate any pre-existing dermatitis condition. Ingestion of the product may lead to harmful effects to the gastrointestinal tract. Gastrointestinal tract discomfort characterized by vomiting or/and nausea is a potential health effect caused by the ingestion. Inhalation of excessive concentrations of particulate may result in airway diseases, emphysema or chronic bronchitis. Overexposure to the product may cause cumulative health effects.

Acetovanillone market is covered in the study Acetovanillone (CAS 498-02-2) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks acetovanillone market situation, names manufacturers, suppliers as well as users. The report also provides current acetovanillone prices in the market.

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