

Taxifolin (CAS 480-18-2) Market Research Report 2024

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Abstracts

Taxifolin (CAS 480-18-2) Market Research Report 2024 presents comprehensive data on Taxifolin markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Taxifolin prices in regional markets.

In addition to the above the report determines Taxifolin 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).

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capacities and production

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existing technologies

feedstock market condition

market news digest

market forecast.

Taxifolin (CAS 480-18-2) Market Research Report 2024 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 Taxifolin (CAS 480-18-2) Market Research Report 2024 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: Taxifolin

Synonyms:

(+)-(2R,3R)-2-(3,4-Dihydroxyphenyl)
-2,3-dihydro-3,5,7-trihydroxy-4H-1-b
enzopyran-4-one

(2R,3R)-Dihydroquercetin

3,5,7,3',4'-Pentahydroxyflavonone

Taxifolin

CAS#:

480-18-2

98006-93-0

Formula: $C_{15}H_{12}O_7$

Molecular Weight: 304.25

Taxifolin, also known as dihydroquercetin, Taxifoliol, Distylin, refers to a limited flavanone class of flavonoid compounds. Taxifolin is a yellow, white to white-cream, fine crystalline or amorphous powder with the molecular formula $C_{15}H_{12}O_7$ and the molecular weight 304.25. Taxifolin, a plant flavonoid, is highly soluble in acetone, methyl and ethyl alcohol, 1,2-propylene glycol, acetic ether, and hydrocarbons. The solubility in water depends on the purity of dihydroquercetin that is used. The solubility increases when more pure dihydroquercetin is used. Taxifolin is obtained from the fruit of milk thistle.

Taxifolin is the most powerful and effective antioxidant of natural origin. The product possesses hypocholesterolemic effects and shows inflammatory activities. Therefore, it is widely used in medicine and cosmetic production. Taxifolin mends a vitamin P deficiency, helps to cure atherosclerosis and to recover after chemotherapy and in radiation treatment. Moreover, the product blocks cancer cells development, fights the chronic fatigue syndrome and metabolic syndrome. Besides, taxifolin is useful in poison treatment. Taxifolin traps free radicals and protects against adverse environmental factors. The product protects capillary, liver. The deficiency of taxifolin causes oxidative

stress in the human body.

Taxifolin is non-toxic and produces no serious effects in the human body. The product can cause eyes, skin and respiratory tract irritation.

Taxifolin market is covered in the study Taxifolin (CAS 98006-93-0) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks taxifolin market situation, names manufacturers, suppliers as well as users. The report also provides current taxifolin prices in the market.

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