

Tetrodotoxin (CAS 4368-28-9) Market Research Report 2025

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Abstracts

Tetrodotoxin (CAS 4368-28-9) Market Research Report 2025 presents comprehensive data on Tetrodotoxin markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Tetrodotoxin prices in regional markets.

In addition to the above the report determines Tetrodotoxin 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

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existing technologies

feedstock market condition

market news digest

market forecast.

Tetrodotoxin (CAS 4368-28-9) 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 Tetrodotoxin (CAS 4368-28-9) 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

Tetrodotoxin is a strong neurotoxin that has no antidote. The neurotoxin is obtained from several kinds of fish such as pufferfish, triggerfish, porcupinefish, mola, etc. Tetrodotoxin exists as a white solid with the molecular formula $C_{11}H_{17}N_3O_8$ and molecular weight 319.26. The product is soluble in dilute acetic acid, slightly soluble in dry alcohol and ether and almost insoluble in other organic solvents.

This neurotoxin influences the nervous system, produces neurologic and gastrointestinal problems, lowers blood pressure, causes dysrhythmias, stops sending electrical impulses to the brain. Nausea, weakness, paralysis, vomiting, breathing difficulty, muscle spasms are amid the most common signs of tetrodotoxin poisoning. Approximately half of tetrodotoxin poisonings end with death. The product causes acute irritation of eyes, skin, the respiratory and digestive tract. Besides, ingestion of tetrodotoxin may result in salivation, convulsions, pulmonary edema, numbness, tingling of the lips, etc.

Tetrodotoxin finds its main application in medicine. It is used to treat ischemic damage of the brain. Tetrodotoxin is also used as an effective potential pain relief and a possible treatment for cancer-associated pain.

Tetrodotoxin market is covered in the study Tetrodotoxin (CAS 4368-28-9) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks tetrodotoxin market situation, names manufacturers, suppliers as well as users. The report also provides current tetrodotoxin prices in the market.

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