

# 2-Aminobenzenethiol (CAS 137-07-5) Market Research Report 2025

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## Abstracts

2-Aminobenzenethiol (CAS 137-07-5) Market Research Report 2025 presents comprehensive data on 2-Mercaptoaniline markets globally and regionally (Europe, Asia, North America etc.)

The report includes 2-Mercaptoaniline description, covers its application areas and related patterns. It overviews 2-Mercaptoaniline market, names 2-Mercaptoaniline producers and indicates its suppliers.

Besides, the report provides 2-Mercaptoaniline prices in regional markets.

In addition to the above the report determines 2-Mercaptoaniline 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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2-Aminobenzenethiol (CAS 137-07-5) 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 2-Aminobenzenethiol (CAS 137-07-5) 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: 2-Mercaptoaniline

Synonyms:

1-Amino-2-mercaptobenzene

2-Aminophenyl mercaptan

2-Aminothiophenol

2-Ethylpyrrole

2-Thioaniline

a-Ethyl pyrrole

o-Mercaptoaniline

2-Aminobenzenethiol

2-Aminophenylmercaptan

2-Aminophenylthiol

CAS#: 137-07-5

Formula:  $C_6H_7NS$

Molecular Weight: 125.19

Appearance: Clear yellow to amber solid. With a stench.

2-Aminobenzenethiol, a.k.a. 2-Mercaptoaniline, o-Mercaptoaniline, 2-Aminothiophenol, is a chemical phenolic reagent. The product exists as a clear yellow to amber liquid with the molecular formula  $C_6H_7NS$  and the molecular weight 125.19. The reagent has a boiling point of  $234^\circ C$ , melting point of  $23^\circ C$ . 2-Aminobenzenethiol is soluble in ethanol and ethyl ether and insoluble in water.

The product enters into the reaction of condensation with several  $\alpha,\beta$ -diketones to form benzothiazolines. Moreover, the product reacts with carboxylic acid chlorides in N-methylpyrrolidinone and with substituted benzonitriles in the presence of sodium

hydride. The reagent is widely utilized in laboratory reactions.

2-Aminobenzenethiol may cause eye and skin burns. The contact with eyes may cause chemical conjunctivitis and corneal damage. Cyanosis of the extremities, skin rash and cold and clammy skin are the potential health effects caused by 2-Aminobenzenethiol. Ingestion of the product can lead to severe and permanent damage to the digestive tract and burns of the gastrointestinal tract. Perforation of the digestive tract, methemoglobinemia, cyanosis and discoloration of skin are amid severe health effects caused by the ingestion of 2-Aminobenzenethiol. Inhalation of the reagent can result in irritation and chemical burns of the respiratory tract with burning pain in the nose and throat. Inhalation of high concentrations also causes depression of central nervous system and asphyxiation. Overexposure to 2-Aminobenzenethiol produces chocolate-brown colored blood, breath shortness, headache, cyanosis, unconsciousness and possible death.

2-aminobenzenethiol market is covered in the study 2-Aminobenzenethiol (CAS 137-07-5) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks 2-aminobenzenethiol market situation, names manufacturers, suppliers as well as users. The report also provides current 2-aminobenzenethiol prices in the market.

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