

Anthranilic acid Cas No. : 118-92-3

Anthranilic acid is the organic compound with the formula $C_6H_4(NH_2)CO_2H$. This amino acid is white solid when pure, although commercial samples may appear yellow. The molecule consists of a benzene ring with two adjacent functional groups, a carboxylic acid and an amine. Because these two groups are polar, this organic compound is highly soluble in water. It is sometimes referred to as vitamin.

Active Pharmaceuticals Ingredients Manufacturers



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Taj Pharmaceuticals Ltd.

Anthranilic acid

CAS No. : 118-92-3

**Synonyms:**

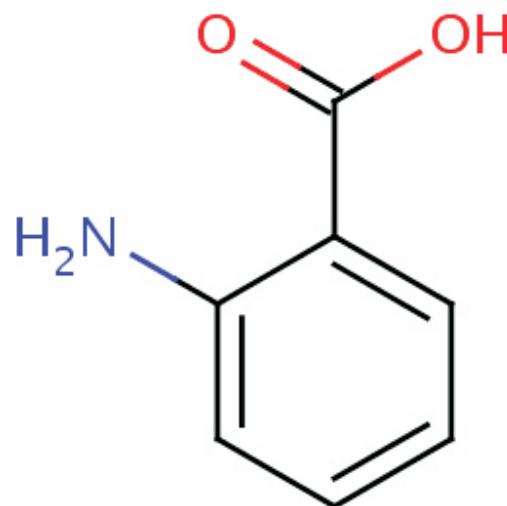
o-Aminobenzoic acid; 2-Carboxyaniline; Anthranilic acid; Benzoic acid, o-amino-; Kyselina o-aminobenzoova [Czech]; Anthranilate; o-Carboxyaniline; ortho-Aminobenzoic acid; 2-Aminobenzoic acid; ANTHRANILIC ACID; Benzoic acid, 2-amino-; Kyselina anthranilova [Czech]; 1-Amino-2-carboxybenzene; 2-Aminobenzoate; Caswell No. 033G; Vitamin L1; BRN 0471803; o-Anthranilic acid; NCI-C01730; AI3-02408

Properties

Molecular formula $C_7H_7NO_2$
 Molar mass 137.14 g mol⁻¹
 Density 1.4 g/cm³
 Melting point
 146-148 °C
 Boiling point
 Sublimes
 Solubility in water 5.7 g/L (25 °C)
 Solubility Hot water

Hazards

MSDS External (html)
 R-phrases R36 R37
 S-phrases S26 S39
 Flash point >150 °C



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Uses

Anthranilic acid is used as an intermediate for production of dyes, pigments, and saccharin. It and its esters are used in preparing perfumes to imitate jasmine and orange, pharmaceuticals (loop diuretics eg. furosemide) and UV-absorber as well as corrosion inhibitors for metals and mold inhibitors in soya sauce.

Anthranilic acid can be used in organic synthesis to generate the benzyne intermediate.

TYPES OF HAZARD / EXPOSURE	ACUTE HAZARDS / SYMPTOMS	PREVENTION	FIRST AID / FIRE FIGHTING
FIRE	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION		Finely dispersed particles form explosive mixtures in air.	Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting.



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Anthranilic Acid
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EXPOSURE			
Inhalation		Local exhaust or breathing protection.	Fresh air, rest.
Skin		Protective gloves.	Rinse and then wash skin with water and soap.
Eyes Redness. Pain.		Safety spectacles	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion		Do not eat, drink, or smoke during work.	Rinse mouth. Give one or two glasses of water to drink. Seek medical attention if you feel unwell

Note /Government Notification: These chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export*** subjected to your country government laws /control substance ACT.

Information: The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers. ,also that the information on the PTCL Safety web site, where this page was hosted, has been copied onto many other sites, often without permission. If you have any doubts about the veracity of the information that you are viewing, or have any queries, please check the URL that your web browser displays for this page. If the URL begins "www.tajapi.com/www/Denatonium Benzoate.htm/" the page is maintained by the Safety Officer in Physical Chemistry at Oxford University. If not, this page is a copy made by some other person and we have no responsibility for it.

The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs

This document plus the full buyer/ prescribing information, prepared for health professionals can be found at:

<http://www.tajapi.com>

or by contacting the sponsor, Taj Pharmaceuticals Limited., at:
 91 022 30601000.

This leaflet was prepared by
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 Mumbai (India).

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