



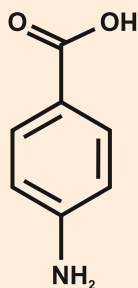
# Sarex Overseas (A division of Sarex Organics Pvt. Ltd.)

Corporate Office: 501-502, Waterford, C Wing, Juhu Lane, Andheri (W), Mumbai - 400 058, India.  
Phone: +91(22) 6128 5566 / 4218 4218, Fax: +91(22) 4218 4350.  
Web: [www.sarex.com](http://www.sarex.com) • Email: [fchem@sarex.com](mailto:fchem@sarex.com)



## 4-AMINO BENZOIC ACID

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 4-Aminobenzoic acid

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Product Code      | : 001960                                        |
| CAS No.           | : 150-13-0                                      |
| HS Code           | : 2916.31.90                                    |
| Molecular formula | : C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> |
| Molecular weight  | : 137.13                                        |

### 3. REGULATORY INFORMATION

| Chemical name                                                            | Common names and synonyms | CAS number | EC number |
|--------------------------------------------------------------------------|---------------------------|------------|-----------|
| 4-Aminobenzoic acid                                                      | 4-aminobenzoic acid       | 150-13-0   | 205-753-0 |
| European Inventory of Existing Commercial Chemical Substances (EINECS)   |                           | Listed     |           |
| EC Inventory                                                             |                           | Listed     |           |
| United States Toxic Substances Control Act (TSCA) Inventory              |                           | Listed     |           |
| China Catalog of Hazardous chemicals 2015                                |                           | Not Listed |           |
| Chinese Chemical Inventory of Existing Chemical Substances (China IECSC) |                           | Listed     |           |
| Korea Existing Chemicals List (KECL)                                     |                           | Listed     |           |
| Canadian Domestic Substance List (DSL)                                   |                           | Listed     |           |
| Canadian Non-Domestic Substance List (NDSL)                              |                           | Not Listed |           |
| Japanese Existing and New Chemical Substances Inventory (ENCS)           |                           | Listed     |           |

### 4. SPECIFICATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Physical Appearance              | : White To Off White Powder              |
| Melting Point                    | : 184-189°C                              |
| Moisture Content (KF)            | : NMT 0.5%                               |
| Solubility                       | : 50 mg / ml ETOH, Faint Yellow Solution |
| Assay (by Titration Non Aqueous) | : 98.5% to 100.5%                        |
| 2-Aminobenzoic Acid (by TLC)     | : NMT 0.1%                               |
| 3-Aminobenzoic Acid (by TLC)     | : NMT 0.1%                               |

#### Disclaimer

Typical properties should not be considered as specification.  
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.  
Products will not be supplied to countries where they could be in conflict with existing patents.  
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)  
Above information is given in good faith and without warranty.



## 4-AMINO BENZOIC ACID

### 5. APPLICATION

- It is used as raw material to manufacture industrial organic chemicals.
- It is intermediate of Pheniramine, Bentiromide, Benzocaine, Benzonatate, Fadrozole, Methotrexate, Nafamostat, Procaine, Ramosetron, Tetracaine, Butylcaine, Camostat, Candoxatril, Candoxatrilat, Deanol Acetamidobenzoate, Padimate, Xemilofiban, Octenidene, Pinacidil, Cetaben, Octenidine, Pinacidil, Cetaben, Octylonium, Acedoben, Ciclometasone, Pemetrexed.
- 4-Aminobenzoic acid acts as a gastric acid secretion inhibitor. It is employed as an intermediate in the synthesis of folate (Vitamin BX), azo dyes and cross linking agents. It is also useful in biomedical sector for the preparation of local anesthetic and ointments. It is widely used in industries to make pharmaceutical products, flavors and preservatives. It is actively involved as a UV-blocking ingredient in sun tan cosmetics.
- **4-Aminobenzoic acid may be used in the following studies:**
  - Covalent modification of glassy carbon electrode.
  - Spectrophotometric determination of the trace amounts of dopamine, methyl dopa and levodopa.
  - Synthesis of 1:1 proton-transfer compound with 5-sulfosalicylic acid.
- **4-Aminobenzoic acid (4-ABA) can be used in the synthesis of:**
  - Schiff bases based on 4-ABA with good antibacterial activity.
  - Co(II) and Mn(II) salts of 4-ABA supported on silica gel which in turn can be used as catalysts in oxidation of thiols to disulfides.
  - 4-amino-3-bromobenzoic acid.
  - Curing agent, N-(4-carboxyphenyl)trimellitimide (NCPT).

**6. HAZARD CLASSIFICATION** : Non-Hazardous substance.



**Irritant**

**7. ANNUAL CAPACITY** : 5 MT.

**8. STORAGE CONDITION** : Store in closed container at ambient temperature. Avoid direct sun light.

**9. PACKING DETAILS** : 20 kg net in corrugated box with two PE liners, strip sealed separately.

**10. SHELF LIFE** : 1 year.

#### Disclaimer

Typical properties should not be considered as specification.  
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.  
Products will not be supplied to countries where they could be in conflict with existing patents.  
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)  
Above information is given in good faith and without warranty.