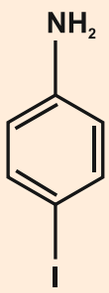
Sarex Overseas (A division of Sarex Organics Pvt. Ltd.)
Corporate Office: 501-502, Waterford, C Wing, Juhu Lane, Andheri (W), Mumbai - 400 058, India.
Phone: +91(22) 6128 5566 / 4218 4218, **Fax:** +91(22) 4218 4350.
Web: www.sarex.com • **Email:** fchem@sarex.com

4-IODOANILINE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

4-Iodoaniline

Product Code	**: 004909**
CAS No.	**: 540-37-4**
HS Code	**: 2903.39.30**
Molecular formula	**: C_6H_6IN**
Molecular weight	**: 219.03**

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
4-Iodoaniline	4-iodoaniline	540-37-4	208-743-4

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)	Not Listed
Canadian Domestic Substance List (DSL)	Listed
Canadian Non-Domestic Substance List (NDSL)	Not Listed
Japanese Existing and New Chemical Substances Inventory (ENCS)	Not Listed

4. SPECIFICATION

Physical Appearance	**: Grey To Blackish Powder**
Melting Point	**: 63-65°C**
Moisture Content (KF)	**: NMT 0.5%**
Assay (GLC)	**: NLT 97%**
Assay (by Titration Non Aqueous)	**: NLT 97%**

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 warrenty.

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 • **Email:** fchem@sarex.com

4-IODOANILINE

5. APPLICATION

- It is used as raw material to manufacture industrial organic chemicals.
- 4-Iodoaniline was used to prepare phenyl functionalized graphene oxide (I-Ph-GO).
- 4-Iodoaniline is a iodine substituted aniline that is widely used as chemical intermediates in the manufacturing of pesticides, dyes and drugs. 4-Iodoaniline was shown to be a more potent nephrotoxicant in vitro than other anilines.
- 4-dehydroanilinium ion, a stable distonic isomer of ionized aniline, by collision-activated dissociation of protonated 4-iodoaniline. Palladium-catalyzed carbonylation of 4-iodoaniline gave the corresponding four- armed star polybenzamides.

6. HAZARD CLASSIFICATION : Non-Hazardous substance.

Irritant

7. ANNUAL CAPACITY : 50 Kg.

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

9. PACKING DETAILS : 5-20 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) (l)
Above information is given in good faith and without warrenty.