

Thiosalicylic Acid

Mercapto-carboxylic aromatic intermediate for organic synthesis, dye chemistry and analytical development.

CAS No. 147-93-3	EC / List No. 205-704-3	Transport Non-dangerous goods
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Product Information

Mercapto-carboxylic aromatic intermediate for organic synthesis, dye chemistry and analytical development.

Specifications

Parameter	Specification
Appearance	Light-yellow crystalline powder
Assay	≥98.0 %
Melting range	164–166 °C

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C7H6O2S
Molecular weight	154.19 g/mol

Applications

Organic synthesis intermediates: Mercapto-carboxylic building block for selected organic syntheses.

Dye intermediate production: Raw material for technically supervised thioindigo and related dye chemistry.

Metal-ion analytical development: Reagent for qualified metal-ion methods, including iron determination.

Packaging / Storage

Item	Information
Packing	25 kg drums
Storage	Keep tightly closed in a cool, dry, well-ventilated area. Protect hygroscopic material from moisture and air exposure; use inert handling where required. Separate from strong oxidizing agents and excess heat.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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