

2-Furoic Acid

Furan carboxylic-acid intermediate for selected ester, amide and specialty chemical synthesis.

CAS No. 88-14-2	EC / List No. 201-803-0	Transport Non-dangerous goods
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Product Information

2-Furoic acid, CAS 88-14-2, is furan-2-carboxylic acid, a heterocyclic carboxylic acid with formula C₅H₄O₃. Its furan ring and acid functionality support selected synthetic intermediates. It differs from furfural and from the positional isomer 3-furoic acid.

Specifications

Parameter	Specification
Appearance	White to off-white crystalline powder
Purity	≥99.5 %
Colour	≤10 APHA
Ash	≤0.20 %
Water	≤0.30 %
Melting range	129.5–133.5 °C

Supply specifications follow the stated ZXCHEM TDS. Select the grade against the intended process and evaluate the complete formulation.

Typical Properties

Property	Typical Value
Molecular formula	C ₅ H ₄ O ₃
Molecular weight	112.08 g/mol

Applications

Ester and amide intermediates: Furan carboxylic-acid starting material for selected synthesis routes. Evaluate reaction yield, impurity profile and downstream purification.

Furan specialty chemistry: Intermediate for selected furan-derived chemicals. Match the grade to process conditions and final-intermediate quality needs.

Resin and coating development: Ingredient for selected specialty materials development. Test reaction compatibility and complete-formulation performance.

Packaging / Storage

Item	Information
Packing	25 kg lined fiber drums
Storage	Keep sealed in a cool, dry, ventilated warehouse. Protect from moisture, heat and contamination; store away from incompatible chemicals.
Handling	Use enclosed powder feeding or local extraction. Wear suitable protective gloves, eye protection and work clothing; avoid dust inhalation and direct contact. Provide controls for fumes during hot processing.

Company Contact

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