

2,2'-Bipyridine

Bidentate nitrogen ligand for coordination chemistry, analytical reagent use and specialty synthesis.

CAS No. 366-18-7	EC / List No. 206-674-4	Transport Class 6.1 — Toxic
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Product Information

Bidentate nitrogen ligand for coordination chemistry, analytical reagent use and specialty synthesis.

Specifications

Parameter	Specification
Appearance	White to slightly pink crystals
Assay	≥99.0 %
Water	≤0.1 %
Melting range	68–72 °C

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

Typical Properties

Property	Typical Value
Molecular formula	C ₁₀ H ₈ N ₂
Molecular weight	156.18 g/mol

Applications

Coordination chemistry: Bidentate ligand for transition-metal complexes and qualified catalytic systems.

Analytical reagent applications: Reagent for technically supervised iron determination and related analytical chemistry.

Specialty synthesis: Building block for coordination compounds and fine-chemical development.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Prevent ingestion and skin exposure. Use local extraction, suitable chemical-resistant gloves, protective clothing and safety goggles. Control dust, wash after handling and remove contaminated clothing promptly.

Company Contact

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