

Rexar Technical Compound Datasheet

Product Name: Adipic Acid
Chemical Name: Adipic acid
CAS Number: 124-04-9
PubChem CID: 196

Synonyms:

- Hexanedioic acid
 - 1,6-Hexanedicarboxylic acid
 - Adipinic acid
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Chemical Information

Molecular Formula: C₆H₁₀O₄
Molecular Weight: 146.14 g/mol
IUPAC Name: Hexanedioic acid
SMILES: OC(=O)CCCCC(=O)O
InChIKey: KRFQXVUSJXGQJL-UHFFFAOYSA-N

Appearance: White crystalline powder
Solubility: Slightly soluble in water; soluble in ethanol

Applications

- Analytical reference compound for aliphatic dicarboxylic acids
 - Method development and validation in analytical chemistry
 - Chromatographic calibration and identity confirmation
 - Stability and solubility studies under laboratory conditions
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Storage & Handling

Storage Temperature: 15–25 °C
Environment: Dry, cool, and protected from light
Handling: Use standard laboratory safety procedures
Packaging: Delivered in sealed containers for laboratory use only

Additional Notes

- Offered exclusively as a technical compound for analytical purposes
- No health, nutritional, or consumer claims are associated with this product
- For detailed chemical data, visit: [PubChem CID 196](#)