

## Rexar Technical Compound Datasheet

**Product Name:** Succinic Acid

**Chemical Name:** Succinic acid

**CAS Number:** 110-15-6

**PubChem CID:** 1110

### Synonyms:

- Butanedioic acid
- Amber acid
- Succinic acid anhydrous

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## Chemical Information

**Molecular Formula:** C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>

**Molecular Weight:** 118.09 g/mol

**IUPAC Name:** Butanedioic acid

**SMILES:** OC(=O)CCC(=O)O

**InChIKey:** KDYFGRWQOYBRFD-UHFFFAOYSA-N

**Appearance:** White crystalline powder

**Solubility:** Soluble in water; soluble in ethanol

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## Applications

- Analytical reference compound for dicarboxylic acids
- Method development and calibration in analytical chemistry
- Chromatographic and spectroscopic evaluation (HPLC, GC, UV)
- Comparative stability and solubility profiling 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

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## 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 1110