

Rexar Technical Compound Datasheet

Product Name: Phthalic Acid
Chemical Name: Phthalic acid
CAS Number: 88-99-3
PubChem CID: 1017

Synonyms:

- o-Phthalic acid
 - Benzene-1,2-dicarboxylic acid
 - 1,2-Benzenedicarboxylic acid
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Chemical Information

Molecular Formula: C₈H₆O₄
Molecular Weight: 166.13 g/mol
IUPAC Name: Benzene-1,2-dicarboxylic acid
SMILES: OC(=O)C1=CC=CC=C1C(=O)O
InChIKey: IUSYMAULFZQHDO-UHFFFAOYSA-N

Appearance: White crystalline powder

Solubility: Slightly soluble in water; soluble in ethanol and acetone

Applications

- Analytical reference compound for aromatic 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 1017](#)