

Rexar Technical Compound Datasheet

Product Name: Potassium Hydrogen Phthalate
Chemical Name: Potassium hydrogen phthalate
CAS Number: 877-24-7
PubChem CID: 517059

Synonyms:

- Potassium acid phthalate
 - KHP
 - Monopotassium phthalate
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Chemical Information

Molecular Formula: C₈H₅KO₄
Molecular Weight: 204.22 g/mol
IUPAC Name: Potassium 2-carboxybenzoate
SMILES: O=C(O)C1=CC=CC=C1C(=O)[O-].[K+]
InChIKey: ZDKIWXJENAZVGM-UHFFFAOYSA-M

Appearance: White crystalline powder
Solubility: Soluble in water; slightly soluble in ethanol

Applications

- Reference material for analytical chemistry workflows
 - Calibration and standardization procedures
 - Method development and validation
 - Chromatographic and spectroscopic evaluation (e.g. HPLC, UV)
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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 517059](#)