

Potassium Hydrogen Phthalate

potassium 2-carboxybenzoate | CAS 877-24-7

Product identification

Product name	Potassium Hydrogen Phthalate
Chemical name	potassium 2-carboxybenzoate
CAS number	877-24-7
PubChem CID	23676735
Molecular formula	C ₈ H ₅ KO ₄
Molecular weight	204.22 g/mol
InChIKey	IWZKICVEHNUQTL-UHFFFAOYSA-M
Material type	Chemical reference material / technical compound

Material description

Potassium Hydrogen Phthalate is a monopotassium phthalate / analytical standard material supplied by Rexar as a chemical reference material / technical compound.

Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Monopotassium phthalate / analytical standard material
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed, dry and protected from light unless lot-specific supplier documentation states otherwise.

Analytical use and traceability

Lot-specific purity, water content, residual solvents and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis; they are not inferred by this datasheet.

Safety note

No complete Rexar-specific CLP classification is inferred from identity alone. Use the supplier SDS for the supplied analytical grade.

Identity verification note

Identity data were rechecked for this revision. Where a field could not be established reliably from the reviewed sources, it has deliberately not been invented and should be reconciled against lot-specific supplier documentation.

Document control

Document	Rexar Technical Compound Datasheet
Revision	10 September 2026

Status	Reference information; not a certificate of analysis
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Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation.