



Physical Description: Cryst. (H₂O)

Melting Point: Mp 112.5°

Solubility: Sol. H₂O, acids, EtOH, C₆H₆, Me₂CO

Aldrich: B1307-1

Fluka: 12100

>>**Derivative:** Hydroxamate

see N-Hydroxybenzamide, [DVM41-Q](#)

>>**Derivative:** Nitrile

see Benzonitrile, [LZQ38-A](#)

>>**Derivative:** Anhydride

Synonym(s): Benzoic anhydride

CAS Registry Number: 93-97-0

Molecular Formula: C₁₄H₁₀O₃

Molecular Weight: 226.231

Accurate Mass: 226.062995

Percentage Composition: C 74.33%; H 4.46%; O 21.22%

Use/Importance: Cross-linking agent for polymers. Acylation and decarboxylating agent, can be used in polymer-linked form. Can be used to prep. derivs. of e.g. glycosphingolipids for hplc

Physical Description: Rhombic prisms

Melting Point: Mp 42°

Boiling Point: Bp 360°

Density: d₄¹⁵ 1.99

Hazard & Toxicity: Mild irritant and allergen

Aldrich: 38598-0

Fluka: 12370

Sigma: B7756

References: