



CAS Registry Number: 89-32-7

Molecular Formula: C₁₀H₂O₆

Molecular Weight: 218.122

Accurate Mass: 217.98514

Percentage Composition: C 55.07%; H 0.92%; O 44.01%

Source/Synthesis: Manuf. by oxidn. of durene

Use/Importance: Forms charge-transfer complexes with aromatic hydrocarbons etc. Anal. reagent for amines and alcohols. Co-monomer for polyimides; epoxy resin curing agent

Physical Description: Needles

Melting Point: Mp 286°

Boiling Point: Bp 397-400°

Other Data: Sublimes

Hazard & Toxicity: LD₅₀ (rat, orl) 2250 mg/kg

Aldrich: 41228-7

Fluka: 83190

>>**Derivative:** Diimide

Synonym(s): Benzo[1,2-c:4,5-c']dipyrrole-1,3,5,7(2*H*,6*H*)-tetrone, 9Cl. 1,2,4,5-Benzenetetracarboxylic diimide, 8Cl

CAS Registry Number: 2550-73-4

Molecular Formula: C₁₀H₄N₂O₄

Molecular Weight: 216.153

Accurate Mass: 216.017108

Percentage Composition: C 55.57%; H 1.87%; N 12.96%; O 29.61%

Melting Point: Mp 320°

Aldrich: P7300-5

Fluka: 83191

Other: Allco Chemical

References:

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