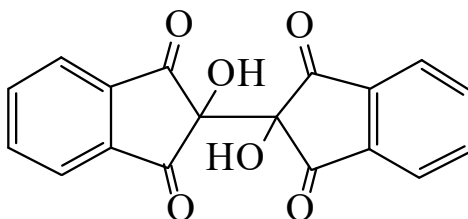




>>Entry Name: Hydrindantin

Synonym(s): 2,2'-Dihydroxy[2,2'-bi-1*H*-indene]-1,1',3,3'(2*H*,2'*H*)-tetrone, 9Cl. 2,2'-Dihydroxy[2,2'-biindan]-1,1',3,3'-tetrone, 8Cl



CAS Registry Number: 5103-42-4

Related CAS Registry Numbers(s): 5950-69-6

Molecular Formula: C₁₈H₁₀O₆

Molecular Weight: 322.273

Accurate Mass: 322.04774

Percentage Composition: C 67.09%; H 3.13%; O 29.79%

Use/Importance: Reagent for colorimetric detn. of amino acids

Physical Description: Prisms + 2H₂O (Me₂CO)

Other Data: Becomes anhyd. at 100°, turns brown-red at 200° and dec. at 249-54°

Aldrich: H1730-9

Sigma: H3876

References:

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Schank, K. *et al.*, *Annalen*, 1967, **710**, 137, (synth)

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