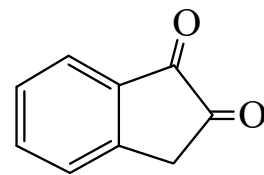




>>Entry Name: **1,2-Indanedione**

Synonym(s): 1*H*-Indene-1,2(3*H*)-dione, 9Cl. 1,2-Dioxohydrindene. Oxindone



CAS Registry Number: 16214-27-0

Molecular Formula: C₉H₆O₂

Molecular Weight: 146.145

Accurate Mass: 146.03678

Percentage Composition: C 73.97%; H 4.14%; O 21.90%

Physical Description: Yellow leaflets

Melting Point: Mp 114-116°. Mp 95-115°

Solubility: Sol. hot H₂O

>>Derivative: 2-Oxime

Synonym(s): 1*H*-Indane-1,2(3*H*)-dione-2-oxime

CAS Registry Number: 15028-10-1

Molecular Formula: C₉H₇NO₂

Molecular Weight: 161.16

Accurate Mass: 161.047679

Percentage Composition: C 67.08%; H 4.38%; N 8.69%; O 19.86%

Use/Importance: Used as EtOH soln. for pptn. of Pd

Physical Description: Needles

Melting Point: Mp 215 dec.°

>>Derivative: Phenylhydrazone

Melting Point: Mp 123-124°

>>Derivative: Bisphenylhydrazone

Melting Point: Mp 230-235° (222-223°)

>>Derivative: 2-Semicarbazone

Melting Point: Mp 230-233 dec.°

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