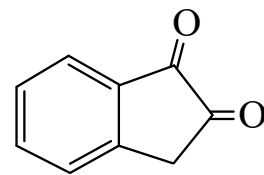




>>Entry Name: **1,2-Indanedione**

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



**CAS Registry Number:** 16214-27-0

**Molecular Formula:** C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>

**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 H<sub>2</sub>O

>>Derivative: 2-Oxime

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

**CAS Registry Number:** 15028-10-1

**Molecular Formula:** C<sub>9</sub>H<sub>7</sub>NO<sub>2</sub>

**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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