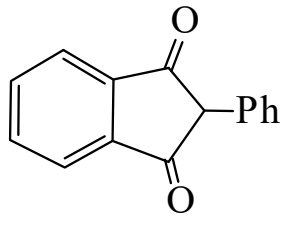
>>**Entry Name: 2-Phenyl-1,3-indanedione**

Synonym(s): 2-Phenyl-1*H*-indene-1,3(2*H*)-dione, 9CI. 1,3-Dioxo-2-phenylindane. **Phenindione,** BAN, INN**.** Dindevan. Pindione. Many other names



CAS Registry Number: 83-12-5

Molecular Formula: $C_{15}H_{10}O_2$
Molecular Weight: 222.243
Accurate Mass: 222.06808
Percentage Composition: C 81.07%; H 4.54%; O 14.40%
Use/Importance: Orally active anticoagulant and has antiinflammatory props. Restricted therapeutic use due to toxicity
Physical Description: Leaflets (EtOH)
Melting Point: Mp 149-151°
Calculated Log P Data: Log P 2.78 (uncertain value) (calc)
Other Data: Blue soln. in conc. H_2SO_4, deep red in alkali
Hazard & Toxicity: Can cause severe hypersensitivity reactions, can affect liver, kidneys when used therapeutically. LD_{50} (rat, orl) 163 mg/kg

Aldrich: P2640-6
Fluka: 78730
Rare Chemicals Library: S42800-0
Sigma: P9636

References:

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