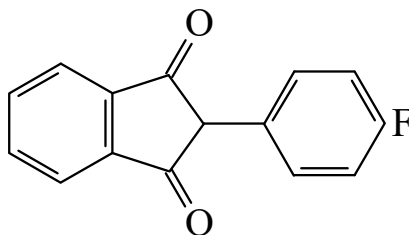




>>Entry Name: **2-(4-Fluorophenyl)-1,3-indanedione**, 8CI

Synonym(s): 2-(4-Fluorophenyl)-1*H*-indene-1,3(2*H*)-dione, 9CI. **Fluindione**, INN. Fluorindione. Previscan. LM 123



CAS Registry Number: 957-56-2

Molecular Formula: C₁₅H₉FO₂

Molecular Weight: 240.233

Accurate Mass: 240.058658

Percentage Composition: C 75.00%; H 3.78%; F 7.91%; O 13.32%

Use/Importance: Orally active anticoagulant

Melting Point: Mp 120°

Calculated Log P Data: Log P 2.92 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 240 mg/kg

References:

Shapiro, S.L. *et al.*, *J.O.C.*, 1961, **26**, 3580, (*synth*)

Fontaine, L. *et al.*, *Med. Pharmacol. Exp.*, 1967, **17**, 497, (*pharmacol*)

Perjessy, A. *et al.*, *Tetrahedron*, 1971, **27**, 6159, (*ir*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 227