



>>Entry Name: 4-Nitro-1-indanone

Synonym(s): 2,3-Dihydro-4-nitro-1*H*-inden-1-one, 9Cl. 4-Nitro-1-hydrindone

CAS Registry Number: 24623-25-4

Molecular Formula: C₉H₇NO₃

Molecular Weight: 177.159

Accurate Mass: 177.042594

Percentage Composition: C 61.02%; H 3.98%; N 7.91%; O 27.09%

Physical Description: Prisms (EtOH aq.)

Melting Point: Mp 104-105°

References:

Hoyer, H., *J. Prakt. Chem.*, 1934, **139**, 94

Bruce, D.B. *et al.*, *J.C.S.*, 1953, 2403, (*synth*)

Weissbach, O. *et al.*, *Helv. Chim. Acta*, 1961, **44**, 173, (*synth*)