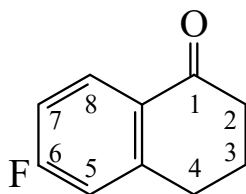




>>Entry Name: 6-Fluoro-3,4-dihydro-1(2H)-naphthalenone, 8Cl

Synonym(s): 6-Fluoro-1-tetralone



CAS Registry Number: 703-67-3

Molecular Formula: C₁₀H₉FO

Molecular Weight: 164.179

Accurate Mass: 164.063743

Percentage Composition: C 73.16%; H 5.53%; F 11.57%; O 9.75%

Physical Description: Oil

Melting Point: Mp 24.5°

Boiling Point: Bp₁₀ 136-140°. Bp₃ 105°

Refractive Index: n_D²⁵ 1.5450

References:

Allinger, N.L. *et al.*, *J.O.C.*, 1962, **27**, 72; 1965, **30**, 2165, (*synth, uv, pmr, conformn*)

Adcock, W. *et al.*, *Aust. J. Chem.*, 1970, **23**, 1921, (*synth, ms, pmr*)

Adcock, W. *et al.*, *J.O.C.*, 1979, **44**, 3004, (*synth*)

Owton, W.M. *et al.*, *Synth. Commun.*, 1991, **21**, 981, (*synth, ir, pmr*)